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CATALOGUE

==OF==

BUCHTEL COLLEGE



AKRON, OHIO

1902-1903

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THIRTY-SECOND
ANNUAL CATALOGUE

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UNIVERSITY OF ILLINOIS

BUCHTEL COLLEGE

AND
ACADEMY

FOR THE YEAR

1902-1903.

AKRON, OHIO.

Published by the College, May, 1903.

AKRON, OHIO:
THE AKRON PRINTING CO.
1903.



BUCHTEL COLLEGE AND ACADEMY

Founded in 1870 by the
OHIO UNIVERSALIST CONVENTION

Named in honor of
HON. JOHN R. BUCHTEL.

CO-EDUCATIONAL

NON-SECTARIAN

Furnishes the highest grade of Classical, Literary and Scientific instruction, under the immediate direction of Thorough and Experienced Teachers. ❀ ❀ ❀ ❀

Three College Courses, leading to the Baccalaureate Degrees of A. B., Ph. B. and S. B. ❀ ❀ ❀ ❀ ❀

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For catalogue or other information address

A. B. CHURCH, D.D., President
AKRON, OHIO

CALENDAR.

1903.

Tuesday, September 15, 9 A. M.—First Half Year of College and Academy begins. Registration and Classification.

Wednesday, September 16, 9 A. M.—Opening Chapel Services with Regular Class Work following.

Friday, November 6, 7:30 P. M.—Senior Ashton Prize Speaking.

Thursday, November 26 to 29, inclusive.—Thanksgiving Recess.

Wednesday, December 23, 4:15 P. M.—Christmas Recess begins.

1904

Tuesday, January 5, 8 A. M.—Class Work will be resumed.

Monday, January 18.—Founder's Day.

Friday, January 29, 4:15 P. M.—First Half Year ends.

Monday, February 1, 9 A. M.—Second Half Year begins. Registration and Classification.

Tuesday, February 2, 8 A. M.—Class Work begins.

Friday, February 19, 7:30 P. M.—Sophomore Ashton Prize Speaking.

Wednesday, March 9, 9:30 A. M.—Mid-Year Meeting of Board of Trustees.

Friday, March 25, 4:15 P. M.—Easter Recess begins.

Tuesday, April 5, 8 A. M.—Class Work will be resumed.

Friday, May —Tree Holiday.

Saturday, June 3.—Senior Vacation begins.

Friday, June 17, 8 P. M.—Graduating Exercises of the Academy.

Saturday, June 18, 8 P. M.—Junior Ashton Prize Speaking.

Sunday, June 19, 10:15.—Baccalaureate Services and Sermon.

Monday, June 20.—Class Day Exercises.

Monday, June 20, 8 P. M.—Senior Promenade.

Tuesday, June 21, 9:30 A. M.—Annual Meeting of Board of Trustees.

Tuesday, June 21, 8 P. M.—Alumni Social Reunion and Banquet.

Wednesday, June 22, 9:30 A. M.—Commencement Address and Conferring of Degrees.

Wednesday, June 22, 2 P. M.—Annual Business Meeting of the Alumni Association.

Wednesday, June 22, 8 P. M.—President's Reception.

TRUSTEES.

HON. GEORGE W. CROUSE	AKRON	Terms of Office Expire in 1904.
JOHNSON A. ARBOGAST	AKRON	
REV. CARL F. HENRY, A. M.	CLEVELAND	
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PRESIDENT.

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VICE-PRESIDENT.

CHARLES R. OLIN, B. S.,
SECRETARY AND TREASURER.

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SUPT. HENRY V. HOTCHKISS, PH. D.,
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S. H. McCOLLESTER, D. D.....	1872-1878
E. L. REXFORD, D. D.....	1878-1880
ORELLO CONE, D. D.....	1880-1896
C. M. KNIGHT, SC. D., (ad interim)...	1896-1897
I. A. PRIEST, D. D.....	1897-1901
A. B. CHURCH, D. D.....	1901-

FACULTY, INSTRUCTORS AND OFFICERS*

For the Year 1903=1904.

A. B. CHURCH, A. M., D. D.,

PRESIDENT.

Messenger-Professor of Mental and Moral Philosophy.

President's House.

CHARLES M. KNIGHT, A. M., Sc. D.,

DEAN OF THE FACULTY.

Buchtel-Professor of Physics and Chemistry.

129 S. Union Street.

CARL F. KOLBE, A. M., Ph. D.,

Hilton-Professor of Modern Languages.

271 Rosedale Place.

CHARLES C. BATES, A. M.,

Professor of Latin and Greek.

Granted a year's leave of absence.

HERMAS V. EGBERT, A. M.,

Ainsworth-Professor of Mathematics and Astronomy.

SECRETARY OF THE FACULTY.

111 W. Orchard Court.

MARIA PARSONS, A. M.,

Pierce-Professor of English, and Instructor in English History.

176 S. Union Street.

JOSEPH C. ROCKWELL, A. M.,

*Acting Professor of Latin and Greek, and Director of Gymnasium
and Track Athletics for Young Men.*

176 S. Union Street.

CHARLES BROOKOVER, M. S.,

Acting Professor of Natural Science.

543 E. Buchtel Avenue.

OSCAR E. OLIN, A. M.,

*Acting Professor of Mental and Moral Philosophy, Instructor in
Economics, and Principal of the Academy.*

336 E. Buchtel Avenue.

ANNA M. RAY,

Instructor in Oratory and Physical Culture for Young Women.

*Except the President, the arrangement is in order of appointment.

ALBERT I SPANTON, PH. B.,
Assistant Principal of the Academy, and Teacher of Literature.
257 E. Buchtel Avenue.

CLAUDIA E. SCHIROCK, A. B.,
Teacher of Latin and Greek.
374 E. Buchtel Avenue.

BLANCHE M. WIDDECOMBE, PH. B.,
Teacher of Latin and Mathematics.
167 S. Unon Street.

CHARLES R. OLIN, B. S.,
Teacher of Mathematics.
421 Spicer Street.

MAY F. SANFORD,
Teacher of Drawing and Director of the Buchtel Art School.
494 W Market Street.

Assistant in Chemistry and Physics.

OSCAR R. SCHREIBER,
Librarian.

ESTELLE F. MUSSON, PH. B.,
Director of Music School and Teacher of Piano and Harmony.
308 E. Buchtel Avenue.

CHARLES E. CLEMENS,
Teacher of Organ, Theory and Orchestration.

ALBERT H. HURD,
Teacher of Voice

CARL DUERINGER,
Teacher of Violin and Viola.

FRANK H. BROWN,
Stenographer.

G. H. HARPLEY,
Janitor,
265 Carroll Street.

COMMITTEES OF THE FACULTY.

1902-1903.

Committee on Classification,
PROFESSORS EGBERT AND ROCKWELL.

Committee on Course of Study,
PROFESSORS CHURCH, KNIGHT AND OLIN.

Committee on Scholarships,
PROFESSORS CHURCH, KNIGHT AND KOLBE.

Committee on Rules and Regulations,
PROFESSORS CHURCH, EGBERT, AND OLIN.

Committee on Records,
PROFESSORS KOLBE AND EGBERT.

Committee on Printing,
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PROFESSORS EGBERT AND PARSONS.

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Committee on Music,
PROFESSOR KOLBE AND MISS MUSSON.

Committee on Athletics,
PROFESSOR ROCKWELL, A. I. SPANTON AND C. R. OLIN.

Committee on Buildings and Grounds,
PROFESSORS KNIGHT, OLIN AND BROOKOVER.

Committee on Holiday Observances,
PROFESSORS PARSONS, ROCKWELL, AND MISS WIDDE-
COMBE.

REFERENCE COMMITTEE.

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TUTTLE, A. L	So. Edmeston, N. Y.
COUCH, MRS. M. F	No. Adams, Mass.
MASON, REV. L. WALTER	209 So. St. Clair St., Pittsburgh, Pa.
RICHARDS, REV. L. J	Sharpsville, Pa.

The above named persons have signified their willingness to serve on the Reference Committee. From time to time, catalogues and such other advertising matter of Buchtel College, as may be at hand, will be sent to each member of the committee.

Parents desiring to inform themselves about college courses and methods, and students desiring to enter College, are advised to call upon some member of the committee who may reside in the vicinity.

ENDOWMENTS.

Messenger Professorship.

The Messenger Professorship of Mental and Moral Philosophy was endowed by Mrs. Lydia A. E. Messenger, late of Akron, in memory of her deceased husband, Rev George Messenger.

Hilton Professorship.

The Hilton Professorship of Modern Languages was endowed by John H. Hilton, late of Akron.

Pierce Professorship.

The Pierce Professorship of English Literature was endowed by Mrs. Chloe Pierce, late of Sharpsville, Pa.

Buchtel Professorship.

The Buchtel Professorship of Physics and Chemistry was named in honor of Mrs. Elizabeth Buchtel, late of Akron.

Ainsworth Professorship.

The Ainsworth Professorship of Mathematics and Astronomy was endowed by Henry Ainsworth, late of Lodi.

Ryder Professorship.

The Ryder Professorship of Rhetoric and Oratory was established by the Board of Trustees in memory of Dr. William H. Ryder, late of Chicago.

Messenger Fund.

The Messenger Fund was created by Mrs. Lydia A. E. Messenger, late of Akron. The fund consists of \$30,000.

Isaac and Lovina Kelly Fund.

The Isaac and Lovina Kelly Fund was created by Isaac Kelly, late of Mill Village, Pa. This fund consists of \$35,788.

William Pitt Curtis Fund.

This fund was established by William Pitt Curtis, of Wadsworth, O. It now amounts to \$20,000.

PERPETUAL SCHOLARSHIPS.

Fifty-two perpetual scholarships of \$1,000 each have been established by the following donors:

*Miss E. V. Steadman	Marietta
*James Pierce	Sharpsville, Pa.
*Elijah Drury	Girard, Pa.
Mrs. Mary C. Martin	Lebanon
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*Mrs. Jane Betz (2)	Hamilton
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*Mrs. Rosa G. Wakefield	Green

These Scholarships are intended to aid worthy and deserving students, and are awarded by a Scholarship Committee under authority from the Board of Trustees.

*Deceased.

†In honor of her father, Eliphas Burnham.

††In memory of her deceased husband, William Robson.

†††In honor of her father and mother, Mr. and Mrs. Israel Allyn and her sister Lucy Allyn.

GENERAL INFORMATION.

FOUNDATION.

BUCHTEL COLLEGE was founded in 1870, and took its name from its most generous benefactor, Hon. J. R. Buchtel, who consecrated his life and wealth to its support. It was chartered by the Ohio Legislature in the same year as a College of Liberal Arts and Letters, and first opened its doors for the admission of students in September, 1872. It is designed to secure the highest grade of Classical, Scientific, and Literary culture known to American Colleges.

LOCATION.

Buchtel College is located in Akron, Summit County, Ohio. This city, with a population of about 52,000, is situated in the midst of hills and valleys, and is one of the most picturesque in the country. It is a healthful city, and easy of access, having direct connection with all parts of the country. It is located on the line of the Erie (New York, Pennsylvania & Ohio); Cleveland, Akron & Columbus; Cleveland Terminal & Valley; Pittsburg & Western; Northern Ohio, and Baltimore & Ohio Railways; also on the A., B. and C., and Kent, Ravenna, Canton, and Barberton Divisions of the Northern Ohio Traction Company.

BUILDINGS AND GROUNDS.

The College Campus comprises six acres, is situated on the highest eminence in the county and faces on Buchtel Ave., one of the pleasantest residence streets of the city. The Loop Line electric cars, which receive transfers from all city and suburban lines, pass by the college gates.

At present there are six buildings on the campus, these being only the beginning of the prospective quadrangle of the Greater Buchtel.

Owing to the fire of 1899 the college and academy buildings and the heating plant are each new, with new furnishings and laboratory equipments, and are admirably adapted to the work required of them.

BUCHTEL HALL.

Buchtel Hall, designed for College classes in all work except Chemistry, is a beautiful building, classic in design and convenient in arrangement. As is shown by the cut, the main entrance is up a broad flight of marble steps to the first floor, which is high enough to leave the basement story almost entirely above ground. In the centre of the first floor is the grand staircase and an open court extending to a sky-light. There are four large recitation rooms with a Professor's private office connected with each on the first and the second floors. On the ground floor, besides a work-shop and separate study, bicycle, and toilet rooms for young men and women, is a suite of six rooms well planned and equipped for the Physical Laboratories.

BUCHTEL ACADEMY.

The Academy is designed for the convenience of the Preparatory, Oratory and Art Schools. It is a roomy and convenient three-story building. On the ground floor are the Physical Laboratories, and the separate lockers and toilet rooms for young men and women. On the second floor are the Administration Offices and the main recitation rooms. On the third floor are the large Art Rooms and an Assembly Room, which is used for the Oratory Studio.

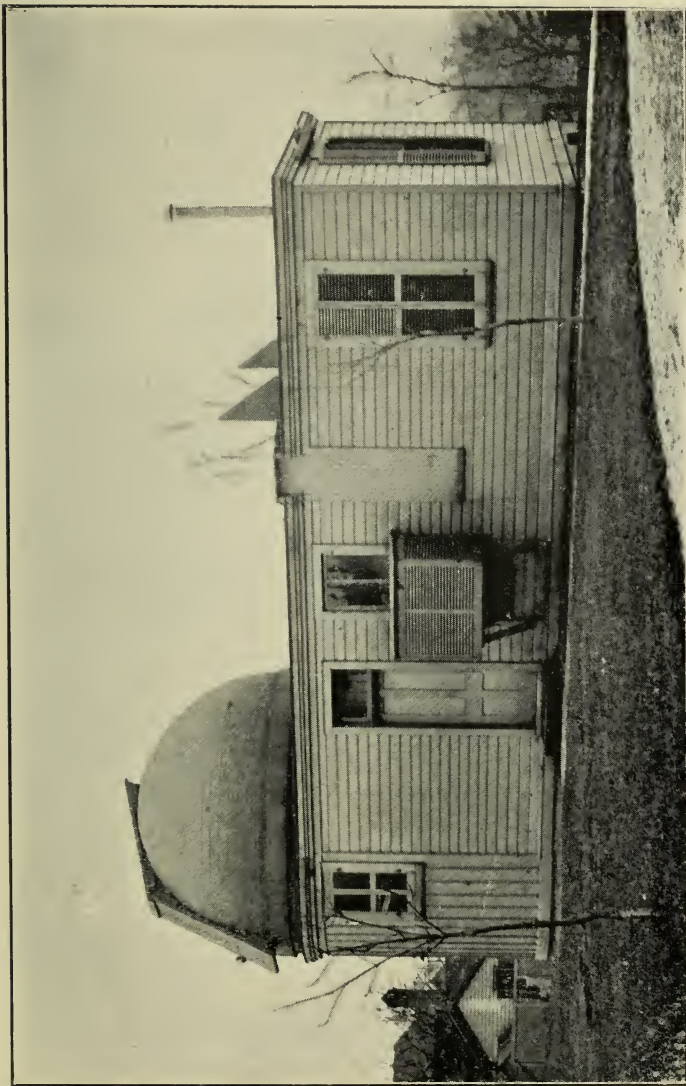
FIRE PROOF.

These two new buildings are fire-proof and have the heating, ventilating and sanitary arrangements and appointments of the most approved kind known to modern builders. With the Gymnasium, they are heated from one central heating plant.

ASTRONOMICAL OBSERVATORY.

The Observatory is intended for the use of students, and, although some of the apparatus is very delicate and costly, yet it will be freely placed in the hands of those students who prepare themselves for its use. It is furnished with the following instruments:

An Equatorial Telescope of 4.5 inches aperture.



ASTRONOMICAL OBSERVATORY.



CROUSE GYMNASIUM.

A Meridian Circle of 3 inches aperture, provided with various necessary accessory apparatus, and so mounted that it can be used as a Zenith Telescope.

Two Astronomical Clocks, furnished with electric connections.

A Chronograph.

Various other minor apparatus.

CROUSE GYMNASIUM.

This building is named in honor of Hon. George W. Crouse, of Akron, one of the liberal benefactors of the College.

The structure is a substantial brick building, one hundred and two feet in length by fifty-three feet in breadth. The basement contains the locker, dressing and bathing rooms thoroughly furnished. On the first floor are the Director's office and the Gymnasium proper, which is eighty-four feet long and forty-eight feet broad. This room is equipped with the most approved apparatus and offers every facility for physical development. A running gallery of twenty-five laps to the mile surrounds the room.

The Gymnasium is open at stated times for the exclusive use of the young women, and at other times for the exclusive use of the young men, in both instances under a trained director.

In addition to the above mentioned facilities for physical culture, the College possesses, only three squares away, extensive and elaborately equipped Athletic Grounds of four acres, which are admirably adapted for the use of the students in playing base ball, foot ball, lawn tennis and similar games.

At present the Chemical Laboratory occupies a suite of six rooms in the basement of the Gymnasium and is modernly equipped for practical work.

The Buchtel College Music School occupies certain rooms in the Gymnasium. A two-manual pipe organ has been recently erected for chapel use and instruction.

The Gymnasium is also used, for the present, as the

chapel assembly room where all students are required to gather four times a week at nine o'clock for morning devotion.

THE HEATING PLANT.

The Heating Plant is located in a building by itself, thus avoiding any danger from fire or explosion. The plant is equipped with a thoroughly modern smoke consuming device. By means of conduits the steam is conveyed to the other buildings where fresh air is heated and forced through the rooms by the fan system.

THE PRESIDENT'S HOUSE.

The President's house is situated on the Campus within easy access of the other buildings; is a commodious substantial brick structure with modern conveniences and is occupied by the President and his family.

AIM.

Buchtel College is organized and equipped to give to young men and women a wholesome physical development, a most thorough mental discipline, and a practical, altruistic, moral training; to hold up before them the noblest ideals of manhood and womanhood and to develop within them a genius for usefulness.

INSTRUCTION.

The instruction of the College aims to combine the advantages of the lecture, recitation and laboratory systems.

COLLEGE COURSES.

The curriculum embraces:

FIRST: A Classical Course.

SECOND: A Philosophical Course.

THIRD: A Scientific Course.

These are four-year courses leading to the degrees of A.B., Ph. B., and S. B., and are equal to those adopted by other similar institutions of the country.

ACADEMY COURSES.

In connection with the College, but occupying a separate building on the Campus, and with a separate Faculty, is Buchtel Academy, in which students are

thoroughly prepared for college entrance. Three preparatory courses are here offered: the Classical, Philosophical, and Scientific. Owing to limited numbers, the student is under the personal supervision of a strong corps of teachers and is afforded daily practical drill in class room and laboratory work.

BUCHTEL SCHOOL OF MUSIC.

The Music School is located at the College in Crouse Gymnasium. Thorough and technical training, beginning with fundamentals, is given in both vocal and instrumental courses by capable and experienced specialists.

BUCHTEL SCHOOL OF ART.

The Art School is situated at the Academy Building in a specially arranged and equipped suite of rooms and is under the personal supervision of a trained and experienced specialist. The School offers excellent advantages for the study of Art. It embraces instruction in charcoal, crayon pencil, pastel, oil and water color. Students work from original designs, life, casts, and still life.

LABORATORY AND APPARATUS.

The larger portion of the basement of Crouse Gymnasium has been rearranged since the fire of 1899 for use as chemical laboratories consisting of five rooms. A general laboratory for the use of students during the first year of work in chemistry has been fitted with all modern facilities. Drainage, gas, hot and cold water, and all necessary apparatus, are at each student's desk. The students pursuing quantitative methods have ample room and opportunities for the more refined and careful researches in a laboratory by themselves, undisturbed by other workers. The ventilation of the laboratories is good, special wall flues carrying off noxious vapors.

The laboratories for physics are arranged in the basement of Buchtel Hall. Six rooms are given to the use of experimental physics. The rooms for experiments in electricity and magnetism are free from iron in their construction, and solid masonry floors in all laboratories secure the delicate instruments from outside jar and disturbance.

Excellent facilities for work in photography are provided by a well equipped dark-room, and students in physical science are encouraged to become familiar with the best methods of experimental illustration.

The department of Natural Science is located in the new Buchtel Hall, where three laboratory and lecture rooms are fitted for work in biology and geology. The student is supplied with microscopes, reagents, microtomes, and other apparatus needful for thorough work in biological research. A collection of minerals and crystals, together with maps, charts, and a paleontological cabinet, comprise the equipment for work in Geology.

The College is supplied with excellent surveying instruments in the way of compass, engineer's level, surveyor's transit with solar attachment for determining the true meridian independent of the needle, chains, tapes, poles, pins, etc.

The Astronomical Observatory is adequately equipped with efficient, delicate and costly instruments for carrying on in a practical laboratory way that line of higher mathematics.

BIERCE LIBRARY.

The College Library had its origin with a collection of works donated in 1874 by the late Gen. L. V. Bierce. During the early days of the College, the Library was augmented by books purchased from the proceeds of a bequest received from Gen. Bierce's estate. In recognition of this early gift the Library has been called the Bierce Library.

At the present time the Library is in Buchtel Hall and embraces about 7,000 bound volumes of standard works (exclusive of public documents). These books have been mostly selected with special reference to their use in connection with the various departments of college instruction. All are classified and arranged on the shelves by the Dewey system of classification. The whole Library is practically one of reference, as students have access to the shelves at all hours of the day. Books may also be drawn by students,

professors, and officers, in accordance with the regulations, for use outside of the Library.

Since the fire of 1899 the Library has been reclassified and recatalogued and put in the best working condition for students.

In connection with the Library is the College Reading Room, which has upon its files the leading periodicals and newspapers of the day. These are selected, upon recommendation of the various professors, with special reference to supplementing their class-room instruction.

A trained librarian of six years experience will have charge of the library to render it of greatest usefulness to the students.

ATHLETICS.

Recognizing the fact that physical training is as legitimate a part of any system of education as is the mental, Buchtel College has made ample provisions for this course in education, in her large and well equipped Gymnasium and Athletic Field. Systematic instruction is given to both young men and women in the Gymnasium each year by trained instructors, and the young men are given systematic training and regular drill in track athletics. Public sports, such as foot-ball, base-ball, basket-ball and lawn tennis are permitted and encouraged so far as is consistent with the student's health and with his progress in the class-room.

ORATORICAL ASSOCIATION.

The students of Buchtel College maintain an Oratorical Association, to which all college students are eligible. The object of the society is to secure an increased interest in public speaking, with special reference to the presentation of original productions. The local association is a branch of the State Association, which includes a number of the leading colleges of the State. Each year a local contest is held by the association, the winner of which is sent by the association to the State contest. The successful contestant in the State contest represents the State in the inter-State contest.

LITERARY AND DEBATING CLUB.

A Literary and Debating Club is organized among the students.

Regular meetings are held for the discussion and debating of topics of current interest. Often public debates are held with neighboring societies and colleges.

DRAMATIC CLUB.

A Dramatic Organization is maintained by the students for mutual self-culture, and for the study of literature and the histrionic art. One or more public entertainments are given each year with credit to the club and the College.

All such literary organizations and efforts are approved and encouraged by the College.

COLLEGE GLEE CLUB.

A mixed Chorus and Glee Club is organized among the students and receives weekly instruction and drill from the vocal teacher of the Music School during a portion of the year. Many clever and appropriate local college songs written by Buchtel students are in use by the student body. This expression in song of student fellowship and college loyalty adds zest to student life, and receives the hearty support of the faculty. Another added feature to the College music is a students' Orchestra, which plays in chapel and at public functions.

CO-EDUCATION.

The College and Academy admit students of both sexes. No sex discrimination is made in requirements and equal educational advantages and honors are offered to each.

SOCIAL ADVANTAGES.

Realizing that education is a development of social courtesies and personal graces as well as the power of mental analysis, the student life at Buchtel College is so conducted as to afford opportunities for such culture. Young ladies and gentlemen, as such, mingle freely on the Campus, in the College halls and class rooms during recitation hours. Formal and informal social college functions,

banquets, exhibitions and contests, receptions and class socials occur at intervals through the year, in which young ladies and gentlemen participate with members of the faculty and their friends.

The young ladies are under the general supervision of the lady members of the faculty and are made to feel free to go to them for counsel and advice.

DISCIPLINE.

The regulations for governing student life are few and simple, appealing to the student's self-respect and personal responsibility.

It is the policy of the government to allow in all things as much liberty as will not be abused, and the students are invited and expected to coöperate with the Faculty. Frequenting bar-rooms, billard-rooms, or saloons, and all riotous and disorderly behavior, are forbidden. The use of tobacco and spirituous liquors about the college building and on the grounds is prohibited.

RELIGION.

No restriction or coercion is imposed upon students in their exercise of religious beliefs. All students are asked to name the denomination of their choice on their registration and are expected to attend the church of that denomination while in College. Nearly all denominations are represented in Akron by flourishing churches. While the College has a denominational foundation and connection and is reverently Christian in its social life and in the principles of its administration and instruction, yet in its internal economy it is in no sense sectarian. All students are required to attend chapel services.

DEGREES.

The degree of Bachelor of Arts will be conferred on students who have completed the classical course.

The degree of Bachelor of Philosophy will be conferred on those who have completed the Philosophical Course.

The degree of Bachelor of Science will be conferred on those who have completed the Scientific Course.

MASTER'S DEGREES.

The degree of A. M. will be conferred upon those who have acquired the degree of A. B. or Ph. B., and the degree of M. S. upon those who have acquired the degree of B. S. These degrees will be granted in not less than two years after graduation, unless the applicant, in residence, can devote the larger part of his time to the work, when the degrees may be granted in one year.

The candidate must accomplish the equivalent of a college year's work in each of any two subjects to be chosen by himself, one of these to be known as Major and the other as Minor.

In the Minor. the work may be partly undergraduate, but the applicant will be expected to carry it beyond the lines of usual college work. In the Major, the work must be confined to graduate subjects and methods, and in this a satisfactory thesis must be presented which will give evidence of original work in the investigation of some new field rather than to consist of a mere restatement of what is already known. The subjects and methods must have received the sanction of the professors in the departments chosen.

An examination will be required in both subjects.

Provided satisfactory arrangements are made, residence will not be required for graduates of this College in preparing for these degrees, although residence is recommended. Persons who have received the Bachelor's degree in any other College whose requirements for that degree are equal to those of Buchtel College may also be granted the master's degree upon the above conditions, except that the courses must be taken in residence.

A candidate for either of these degrees, at any given commencement must present his thesis and report for examination not later than June 1st.

These degrees will not be granted for professional work leading to other degrees nor for journalistic work or teaching.

A fee of ten dollars will be charged for the Master's degree.

PRIZE FUNDS.

ALUMNI PRIZES.—A fund has been established by the Alumni of the College, the income of which is annually appropriated according to the following regulations:

1st. That student—being a member of the Senior Class of the Academy without conditions at the beginning of the year—who makes the highest average grade during the year in not fewer than six Senior studies in the Academy, shall be entitled to free tuition during the succeeding year.

2nd. That student—being a member of the Freshman Class without conditions at the beginning of the year—who attains the highest average grade during the year in not fewer than eight Freshman studies, shall be entitled to free tuition during the succeeding year.

3rd. That student—being a member of the Sophomore Class without conditions at the beginning of the year—who attains the highest average grade during the year in not fewer than eight studies above the Freshman year, shall be entitled to free tuition during the succeeding year.

4th. That student—being a member of the Junior Class without conditions at the beginning of the year—who attains the highest average grade during the year in not fewer than eight studies above the Freshman year, shall be entitled to free tuition during the succeeding year.

5th. In determining the award of prizes for any year, there shall be considered only grades made in regular class work at Buchtel College during that year in subjects completed before Commencement day.

6th. In case of a tie in any class the prize shall be equally divided.

7th. The prize for any class shall go to the student attaining the second highest average grade only in case the one ranking highest does not return to Buchtel College the next succeeding year.

OLIVER C. ASHTON PRIZES.—A fund consisting of \$3,000 has been established by Mr. Oliver C. Ashton, of Bryan, O., endowing the O. C. Ashton Prizes for excellence in reading and recitation.

The annual income of this fund will be paid, one-third to competitors from the Senior Class, one-third to competitors from the Junior Class, and one-third to competitors from the Sophomore Class, in a first and second prize to each class, in the proportion of two to one.

These are public exercises, and will take place at stated times during the year.

PENDLETON LAW PRIZES.—For the purpose of encouraging the study of Law and Civil Government, a fund of \$1,000 has been established by Joy H. Pendleton, late of Akron, the annual income of which is used as prizes for essays in the Law Class. Two-thirds of such income is annually to be paid for the best essay, and one-third for the second best essay, on some subject of Law or Government announced by the Instructor in Law.

SCHOLARSHIPS.

On page 12 of this catalogue will be found a list of the endowed scholarships of the College. The donors of these scholarships may, at all times, designate one student who shall be entitled to free tuition in either the College or the Academy. So much of the income of these scholarships as is not thus used by the donors each year is at the disposal of the College for the purpose of aiding worthy and deserving students. In the distribution of these scholarship benefits by the College, in case the donor is deceased, preference will be given to the immediate descendants of the donor. This assistance will be granted to students only upon the recommendation of a Committee of the Faculty after careful inquiry as to the needs of each applicant. In

making this inquiry the Committee will consider not only the pecuniary needs of the applicant but his general character as well, and where a renewal of aid is requested, the Committee will also take into account the student's previous record in scholarship and general deportment.

Students thus receiving aid from the College may be called upon to render services to the College for any part, or all, of such aid. They will be expected to maintain their standing in scholarship, and to conduct themselves as exemplary students. A scholarship is granted with the expectation that the student will complete his course of study at Buchtel College, and, without a reason that shall be satisfactory to the President, honorable dismissal will not be granted until full tuition and all other college dues have been paid.

Applications for scholarship aid may be addressed to the President.

HIGH SCHOOLS.—The College offers annually one scholarship to each of several high schools, to be awarded to the student standing highest during the last year of his High School course. Each scholarship entitles the holder to two years' free tuition in the College, subject to conditions which may be learned on application to the President of Buchtel College.

TOWNSHIP.—Two standing scholarships in the Academy are offered to pupils in each Township of Summit County who complete the common school course in the country schools. These scholarships are awarded to the two pupils in each township passing the best examination before the County Board of School Examiners, under the provisions of the Patterson Law.

Students winning the High School or Township Scholarships must begin their course of study not later than one year from the opening of the following school year.

EXPENSES.

COLLEGE.

FULL TUITION—Each half year.....	\$ 20 00
TWO STUDIES—Each half year.....	14 00
ONE STUDY—Each half year.....	7 00
INCIDENTAL and LIBRARY FEE for all students each half year	3 50
LABORATORY FEES:	
CHEMISTRY, I and II, each.....	\$5 00
CHEMISTRY, III and IV, each.....	8 00
PHYSICS, I, II, and III, each.....	2 50
NATURAL SCIENCE—Botany, I.....	2 00
Botany, II and III, each.....	2 25
Zoology, I.....	2 00
Zoology, II and III, each.....	2 25
Geology, I.....	2 25
Neurology.....	2 00

All the foregoing fees are due and payable on or before the second Friday of each half year.

DEGREES conferred in course:

Bachelor's Degree.....	\$ 5 00
Master's Degree	10 00

The fee for a degree is payable on or before the Monday before Commencement Day.

No tuition or other fees will be refunded except for absence on account of protracted sickness, and in such cases no reduction will be made in term bills if the student maintains his class standing.

To students working in the Chemical Laboratory any unused balance of their deposits will be returned at the end of the year.

The College does not at present provide dormitories.

The Faculty gives special care to the placing of students in good families, with pleasant and comfortable home surroundings and conveniences, and takes a kindly supervisory interest in their student life.

Rooms furnished, heated and lighted can be secured within walking distance of the College for \$1.00 a week and upwards with two in a room; with one in a room, for \$1.50 and upwards.

Good table board can be secured at \$3.50 a week.

Abundant opportunities for self-help in the city are offered young men to help defray the expense of room and board; a limited number are offered young women.

ACADEMY.

FULL TUITION—Each half year.....	\$12 00
TWO STUDIES—Each half year.....	9 00
ONE STUDY—Each half year.....	4 50
INCIDENTAL and LIBRARY FEE for all students each half year	3 50
PHYSICAL LABORATORY FEE—Each half year.....	1 50
CHEMICAL LABORATORY FEE—Each half year.....	5 00

All the foregoing fees are due and payable at the Secretary's Office in Buchtel Hall on or before the second Friday of each half year.

No tuition or other fees will be refunded except for absence on account of protracted sickness, and in such cases no reduction will be made in term bills if the student maintains his class standing.

For more detailed information in regard to College entrance, courses and expenses, address A. B. CHURCH, Pres., or C. R. OLIN, Sec'y.

For more detailed information regarding Buchtel Academy, address PRINCIPAL O. E. OLIN.

MUSIC AND ART.

The tuition fees for these schools are payable to the Directors in charge. For details of expenses see pages 73, 74, 75 and 77.

BUCHTEL
COLLEGE



BUCHTEL HALL.

FACULTY, INSTRUCTORS AND OFFICERS.

1903-1904.

COLLEGE.

REV. A. B. CHURCH, A. M., D. D.

President.

Messenger Professor of Mental and Moral Philosophy.

CHARLES M. KNIGHT, A. M., Sc.D.

Buchtel Professor of Physics and Chemistry.

CARL F. KOLBE, A. M., Ph.D.

Hilton Professor of Modern Languages.

CHARLES C. BATES, A. M.

Professor of Greek and Latin.

(Granted a year's leave of absence.)

HERMAS V. EGBERT, A. M.

Ainsworth Professor of Mathematics and Astronomy,

Secretary of the Faculty.

MARIA PARSONS, A. M.

Pierce Professor of English and Instructor in English History.

JOSEPH C. ROCKWELL, A. M.

*Acting Professor of Greek and Latin, Director of Gymnasium
and Track Athletics for Young Men.*

CHARLES BROOKOVER, A. M.

Professor of Natural Sciences.

OSCAR E. OLIN, A. M.

*Acting Professor of Mental and Moral Philosophy and Instructor
in Economics.*

ANNA M. RAY,

Instructor in Oratory and Physical Culture for Young Women.

Assistant in Chemistry and Physics.

OSCAR R. SCHREIBER.

Librarian.

COLLEGIATE COURSES.

THE college year is divided into two terms of nineteen weeks each, not including the Christmas and Easter recesses. It is expected that students be present on the opening day of the term, and they are not allowed to prolong their recesses beyond the specified day.

THREE COURSES OF STUDY.

The College offers three regular courses of study, requiring the same amount of preparatory work, and each requiring four years of study in the College. These courses are:

1. The Classical Course, the usual course of that name, requiring extensive work in the Ancient Languages, and offering electives in Modern Languages, Mathematics, Latin, Greek, Literature, Philosophy and Science. This course leads to the degree of Bachelor of Arts.

2. The Philosophical Course, substituting the study of German for the Greek, and offering the same range of electives as the Classical Course. This course leads to the degree of Bachelor of Philosophy.

3. The Scientific Course, in which the language training is mostly confined to the German and English languages. More preparatory work in the sciences is required for admission. This course is entirely on a footing with the other courses, offering wide training in Mathematics and the Sciences, while, with the liberal use of electives, the student is enabled to cover much of the ground of the other courses. This course leads to the degree of Bachelor of Science.

ELECTIVE AND REQUIRED WORK.

In keeping with the trend of higher education, Buchtel College offers opportunities for extensive elective work. But to avoid the evils of desultoriness, every student is advised to make out, at the beginning of the sophomore year, a scheme for his elective work for the entire course. Members of the Faculty will gladly confer with students regarding this important matter.

The following rules are to be observed by all students:

1. All freshman work is required.

2. After the freshman year, four studies a half-year are counted full work.

3. After the freshman year twenty-four credits are necessary for obtaining the Bachelor's degree, a "credit" meaning the completion of one study of four recitations per week, or its equivalent for one half-year, the full work of the student thus being four studies or sixteen recitations per week each half-year.

4. After the freshman year, electives are not limited to any one year, *i. e.*, there are no sophomore, junior or senior electives, but the student may elect any course *which he is qualified to pursue*.

5. Students are required to hand to the Secretary of the Faculty, at least two weeks before the opening of any half-year, a list of their elective studies for that half-year.

6. No student is allowed to take more nor less than four studies a half-year, without consent of the Faculty.

7. No student is allowed to drop a study after the opening of a half-year, without the consent of the Committee on classification.

8. No student will be allowed to postpone a required study, or take a study in place of those prescribed without permission of the Faculty.

9. No student will be allowed to change his election of studies for any half-year without permission of the Committee on Classification.

Students are advised to take fundamental studies early in the course, *i. e.*, in the sophomore year, such studies as are required in preparation for further work; also to follow lines of work rather than isolated studies.

ADMISSION AND RECORD.

Each candidate for college admission must have had at least a full high school preparation, or college preparatory

course, embracing the specific subjects named for college entrance.

In place of entrance examinations the following certificate plans will be accepted.:

I. The certificates of principals of approved high schools and academies will admit students to the freshman class on probation, and such statement must be a certification of the specific subjects in which the candidate has passed satisfactory examinations covering the requirements as stated for college entrance. Such certificate must be filed with the Committee on Classification by the candidate on application for entrance. Blank forms for the record of such work will be furnished on application to the President or Secretary of the Faculty.

II. The pass-cards, certificates and academic diploma of the State Board of Regents of New York State for the subjects which they cover will be accepted for college entrance on probation. Such credentials will not, however, be accepted for advance standing.

Students admitted on probation, after reasonable trial will be advanced to full class standing on satisfactory evidence of ability and determination to maintain their class work.

During the course of study, unannounced examinations are held at the discretion of the professors, and announced examinations are required in case of absence or failure.

Applicants desiring to enter an advanced class, who do not present satisfactory grades from other colleges, will be examined in the studies of the lower classes or their equivalents, in the particular course to be pursued.

Students having completed a course in Buchtel Academy will be admitted to the corresponding course of the College without further examination.

Arrangements can be made by the students for private instruction, for the removal of conditions.

Testimonials of good moral character must be presented by all applicants.

Students coming from other institutions of learning must furnish certificates of honorable dismissal.

A record of each student's standing is kept, which may be examined by committees, trustees, parents, and friends of the College.

Reports of the grades of all students are sent to parents or guardians at the close of each session.

SPECIAL STUDENTS.

All students are advised to pursue a regular course of study, even if it cannot be completed.

But persons of proper age and character may be admitted as special students, not candidates for a degree, on the same requirements as for the Scientific Course, and may elect such studies as they are qualified to pursue. They must file with the Committee on Classification certificates of their previous work.

Thus an opportunity is offered to a considerable number of young people who do not wish to spend time for a full course, but who desire some college work. Those preparing to teach, those fitting for business, or those who intend to give time to music or art, are especially thus accommodated. Such students will also find themselves proportionately advanced, should they later decide to take a regular course.

On the completion of their studies, such students will be granted a certificate stating the work completed.

TERMS OF ADMISSION.

The following work is required of candidates for entrance to the Freshman Class in each of the College courses:—

CLASSICAL COURSE.

GREEK.—Grammar (Goodwin or equivalent); three books of Xenophon's *Anabasis*; three books of Homer's *Iliad*; Prose Composition, as found in Jones' Exercises; Greek history, as found in Pennell.

LATIN.—Grammar, including Prosody (Bennett, Allen & Greenough or Harkness); three books of Cæsar's

Commentaries, or Arrowsmith & Whicher's First Latin Readings; six of Cicero's Orations; six books of Vergil's *Æneid*; the first twenty lessons of Jones' Latin Prose Composition; Roman History.

MATHEMATICS.—Arithmetic (including the Metric System); Algebra, Taylor's Algebra through Quadratic Equations or its equivalent; Geometry, plane, solid, and spherical.

ENGLISH.—Composition, Grammar, Analysis, Elementary Rhetoric, Reading of English and American writers.

HISTORY.—United States.

POLITICAL SCIENCE.—Civil Government.

DRAWING.—Free Hand.

PHILOSOPHICAL COURSE.

LATIN.—Grammar, including Prosody (Bennett, Allen & Greenough or Harkness); three books of Cæsar's Commentaries, or Arrowsmith & Whicher's First Latin Readings; six of Cicero's Orations; six books of Vergil's *Æneid*; the first twenty lessons of Jones' Latin Prose Composition; Roman History.

MATHEMATICS.—Arithmetic (including the Metric System); Algebra, Taylor's Algebra through Quadratic Equations or its equivalent; Geometry, plane, solid, and spherical.

NATURAL SCIENCE.—Physiology, Physical Geography.

ENGLISH.—Composition, Grammar, Analysis, Elementary Rhetoric, Reading of English and American Writers.

HISTORY.—United States, General History.

POLITICAL SCIENCE.—Civil Government.

DRAWING.—Free Hand.

SCIENTIFIC COURSE.

LATIN.—Grammar, including Prosody (Bennett, Allen & Greenough or Harkness); three books of Cæsar's Commentaries, or Arrowsmith & Whicher's First Latin Readings; six of Cicero's Orations.

MATHEMATICS.—Arithmetic (including the Metric System); Algebra, Taylor's Algebra through Quadratic

Equations or its equivalent; Geometry, plane, solid, and spherical.

NATURAL SCIENCE.—Physiology, Physics, Physical Geography.

ENGLISH.—Composition, Grammar, Analysis, Elementary Rhetoric, Reading of English and American Writers.

HISTORY.—United States, General History.

POLITICAL SCIENCE.—Civil Government.

DRAWING.—Free Hand.

Except in Languages and Mathematics a fair equivalent may be allowed for any academic study other than those mentioned above for College entrance.

In SCIENCE note books should be presented in evidence of laboratory work done.

REQUIREMENTS IN ENGLISH.—(Now practically uniform throughout the United States):

REQUIRED FOR CAREFUL STUDY.

Burke's Speech on Conciliation with America.....	1900-1-2-3-4-5
Macaulay's Essays on Milton and Addison.....	1900-1-2-3-4-5
Milton's Minor Poems.....	1900-1-2-3-4-5
Shakespeare's Macbeth	1900-1-2-3-4-5

REQUIRED FOR GENERAL READING.

Addison's Sir Roger de Coverley Papers.....	1900-1-2-3-4-5
Carlyle's Essay on Burns.....	1903-4-5
Coleridge's Ancient Mariner.....	1901-2-3-4-5
George Eliot's Silas Marner.....	1901-2-3-4-5
Goldsmith's The Vicar of Wakefield.....	1900-1-2-3-4-5
Lowell's The Vision of Sir Launfal.....	1900-3-4-5
Scott's Ivanhoe.....	1900-1-2-3-4-5
Shakespeare's Julius Cæsar.....	1903-4-5
Shakespeare's The Merchant of Venice.....	1901-2-3-4-5
Tennyson's The Princess.....	1900-1-2-3-4-5

Equivalent readings will be accepted.

REQUIRED
AND
ELECTIVE
COURSES.

REQUIRED STUDIES.

1903-1904.

The following table shows the work of the Freshman year, for the various courses. All of the work is required.

CLASSICAL COURSE.

First Half Year	Hrs.	Second Half Year	Hrs.
Greek I.....	4	Greek II	4
Latin I.....	3	Latin II.....	3
Mathematics I.....	4	Mathematics II	4
Zoology I.....	2	Botany I.....	3
Rhetoric I and Reading and Expression.....	3	Rhetoric II.....	2
Gymnasium.....	2	Gymnasium	2

PHILOSOPHICAL COURSE.

First Half Year	Hrs.	Second Half Year	Hrs.
German I.....	4	German II.....	4
Latin I.....	3	Latin II.....	3
Mathematics I.....	4	Mathematics II	4
Zoology I.....	2	Botany I.....	3
Rhetoric I and Reading and Expression	3	Rhetoric II.....	2
Gymnasium.....	2	Gymnasium	2

SCIENTIFIC COURSE.

First Half Year	Hrs.	Second Half Year	Hrs.
English I	3	English II.....	3
German I.....	4	German II.....	4
Mathematics I.....	4	Mathematics II.....	4
Zoology I.....	2	Botany I	3
Rhetoric I and Reading and Expression	3	Rhetoric II.....	2
Gymnasium.....	2	Gymnasium	2

After the Freshman year the following work is required:

For the degree of Bachelor of Arts—

One year of Latin or Greek.

One year of Philosophy.

One year of Physical Science.

For the degree of Bachelor of Philosophy—

One half-year of Logic.

One half-year of Political Economy.

One year of Philosophy.

One year of Physical Science.

For the degree of Bachelor of Science—

One year of Chemistry.

One year of Physics.

One year of Natural Science.

These required studies may be taken any year, at the option of the student, although it is recommended that the student take them in the order named

SCHEDULE OF CLASSES.

1903-1904.

FIRST HALF-YEAR.

8:00	8:55 to 9:15	9:15	10:10	11:05	1:30	2:25	3:20
German II.	Chapel.	German III.	Physics III.	Physics I.	Chemistry I.	Chemistry I.	Chemistry III.
Meteorology.	"	Mathematics I.	German I.	Mathematics I.	German VII. (2)	Chemistry III.	History III. (2)
Rhetoric I.	"	Literature I. (3)	Mathematics III.	Literature V.	French III. (2)	Mathematics V.	History of Greek
Reading and	"	Greek III., V., VII.	Literature III.	Latin I. (3)	Astronomy II.	Logic.	Sculpture (2)
Expression	"	Geology I	Greek I.	Botany II.	History I.	Zoology I. (2)	Gymnasium.
Latin III., V., VII.	"	Political Economy I.	Neurology	Ethics I.	Zoology I. (2)		
Zoology II.					Oratory I.		

SECOND HALF-YEAR.

8:00	8:55 to 9:15	9:15	10:10	11:05	1:30	2:25	3:20
German VI.	Chapel.	German IV.	German II.	Physics II.	Chemistry II.	Chemistry II.	Surveying.
Astronomy I.	"	Mathematics II.	Mathematics IV.	Mathematics II.	German VIII. (2)	Chemistry IV.	History III. (2)
Rhetoric II. (2)	"	Literature II. (3)	Literature IV.	Literature VI.	French IV. (2)	French II.	History of Greek
Latin IV., VI., VIII.	"	Greek IV., VI., VIII.	Greek II.	Latin II.	Astronomy III.	Surveying,	Sculpture (2)
Botany I. (1)	"	Geology II.	Psychology.	Botany III.	History II.	Botany I. (2)	Gymnasium.
Zoology III.	"	Political Economy II., III.		Ethics II.	Botany I. (2)		
				Natural Theology.	Oratory II.		

Electives must be made out from this schedule. These courses are described on the following pages.

Departments of Instruction.

MENTAL AND MORAL PHILOSOPHY.

PRESIDENT CHURCH.

PROF. O. E. OLIN, INSTRUCTOR.

One year of Philosophy is required of all students who are candidates for the degree of A. B. or Ph. B.

PSYCHOLOGY.—Psychology is an elective for second half-year and must be preceded by the course in Neurology. A text-book affords the basis of study, and is supplemented by oral instruction which follows the lines of modern investigation. From time to time such topics as Habit, Memory, Imagination, Illusion, Hallucination, and Alternating Personality are assigned, and the student is referred to authorities in the library and expected to write papers which are read and discussed in the class, the purpose being to familiarize the student with the library method of study and investigation, and to stimulate him to think for himself. Original problems in observation are worked out by the students, reports discussed in class and note books kept.

MORAL PHILOSOPHY.—Moral Philosophy is an elective for two half-years. The subject embraces theoretical and practical ethics and is studied with reference to the origin and development of ethical ideas as viewed in the light of modern philosophy. Text-books are used as guides, but the aim is to encourage individual research and original thought; to that end, topics are assigned at intervals during the course, and students are referred to a library of wide and well chosen reference books. Papers are written and discussed on the doctrine and influence of such men as Socrates, Plato, Kant, Berkeley, and others, and on the systems of thought advanced by the Stoics, Epicureans, Cynics, and Ascetics. The theoretical bearing of the contemporaneous problems of Education, Charities, Penology, Temperance, and Sociology is introduced and the fullest discussion invited.

NATURAL THEOLOGY.—During the last thirteen weeks of the second half-year the course in Ethics is supplemented by a course in Natural Theology. The object of this course is to lead the student carefully to observe the phenomena of Nature, to trace their causes to their creative source, and to read from them the power, wisdom and beneficence of God. A text-book is used as an outline, while the student is given problems for original investigation and application, and topics for library research.

PSYCHOLOGY I. Text-book, James' Psychology. Second half-year, 10:10, Tuesday, Wednesday, Thursday, Friday.

Those electing this subject must have taken the half-year of College Physiology, giving special attention to Neurology.

ETHICS I. Text-book, Mackenzie. First half-year, 11:05, Tuesday, Wednesday, Thursday, Friday.

ETHICS II. Continuation of Course I, with Natural Theology. Text-books, Mackenzie and Valentine. Second half-year, 11:05, Tuesday, Wednesday, Thursday, Friday.

PHYSICAL SCIENCE.

PROFESSOR KNIGHT.

One year of Physical Science is required of candidates for the A. B. and Ph. B. degrees.

One year of Chemistry and one year of Physics is required of candidates for the S. B. degree.

CHEMISTRY.

The elements of inorganic chemistry are taught by recitations, lectures and practical work in the laboratory. Each student is assigned a desk in the laboratory, furnished with apparatus and chemicals, and it is required that most statements shall be confirmed by experiment and illustrated before the class; each student is further required to manufacture one or more salts under each basic element, and to explain fully the process and principles involved and exhibit to the class the results of the work.

A course in blow-pipe analysis includes the tests for elements as they occur in ores of greatest economic value.

The training in Analytical Chemistry extends through rather more than a year; the course, including qualitative and quantitative analysis, involves such a variety of methods and processes as will enable the student to undertake most chemical separations and tests.

Industrial Chemistry is taught by lectures and laboratory practice. Whenever possible, actual products are exhibited to the students and the manufacturing processes reproduced in miniature. The great losses by imperfect methods of manufacture and by waste products are pointed out and the student is taught to see the true economy of production. Illustrative of the topics studied, visits are made to various manufacturing establishments and an opportunity is given to see manufacturing operations in actual working. Akron and the neighboring village of Barberton afford a varied field for the study of chemistry applied in the industries as shown in a partial list of prominent manufactories:

The manufacture of illuminating and water gas.

The making of pottery and various clay products.

The manufacture of india rubber products, both hard and soft.

The manufacture of paper and straw-board.

The manufacture of artificial ice.

The making of soda ash.

The manufacture of paints and varnishes.

The instruction in Organic Chemistry consists of recitations and laboratory work. Conferences of teacher and students are held at which new theories are discussed and the latest researches are presented; work in the laboratory comprises proximate analyses and the preparation and testing of most organic products.

COURSE IN CHEMISTRY.

I. GENERAL CHEMISTRY.—Recitations, lectures and laboratory practice. Inorganic preparations. First half-

year, 8 hours per week, 1:30 to 3:20, Monday, Tuesday, Thursday, Friday.

II. **QUALITATIVE ANALYSIS.**—Of the common metals and acids; blow-pipe tests for metals in commercial ores; lectures, laboratory work and tests. Second half-year, 8 hours per week, 1:30 to 3:20, Monday, Tuesday, Thursday, Friday. Open to students who have finished course I.

III. **QUANTITATIVE ANALYSIS,** Gravimetric and volumetric; examination of simple salts and minerals, coal, limestone, milk, water and foods. First half-year, 8 hours per week, 2:25 to 4:15, Monday, Tuesday, Thursday, Friday. Open to students who have completed courses I and II.

IV. **ORGANIC CHEMISTRY.**—Recitations and laboratory practice. Text-books, Remsen and Cohen. Second half-year, 6 hours per week, 2:25, Monday, Tuesday, Thursday, Friday. Open to students who have finished course I.

PHYSICS.

The course in physics presupposes, as preparation, a year of elementary physics, a half-year of chemistry and mathematics through analytical geometry. It includes recitations and laboratory practice, together with readings from scientific journals, and covers mechanics, sound, heat, light and electricity. A simple exposition of the experimental facts of these branches is first undertaken, followed by theoretical discussions to show the connection of their principles and to bring out their common relation to the doctrine of the conservation of energy. Lectures and topic-reading present the recent advances of Physical Science, and point out the practical application of its principles. Quantitative determinations in the laboratory are required in all parts of the course. The subject of Photography, including its various applications in the sciences and arts, is taught by lectures and practical work.

Students are required to become familiar with the projecting lantern as an instrument of demonstration in the lecture room, and, in general, to perform with their

own hands all experimental illustration. The apparatus is all new and for the most part quantitative. The class room and laboratory work is supplemented by frequent visits to manufacturing plants to study the application of physical principles in machinery and other agents.

COURSE IN PHYSICS.

I. GENERAL PHYSICS.—Mechanics, pneumatics and heat; recitations and laboratory practice. Watson's text-book and various laboratory manuals. First half-year, 6 hours per week, 11:05, Monday, Tuesday, Thursday, Friday.

II. GENERAL PHYSICS.—Sound, light and photography; recitations, lectures and laboratory practice. The months of May and June are given to the practice of photography. Second half-year, 6 to 8 hours per week, 11:05, Monday, Tuesday, Thursday, Friday.

III. GENERAL PHYSICS.—Electricity and magnetism, recitations, lectures and laboratory practice with frequent visits to neighboring electric plants. Watson's and Thompson's text-books and Tory and Pitcher's manual. First half-year, 6 hours per week, 10:10, Monday, Tuesday, Thursday, Friday.

MODERN LANGUAGES.

PROFESSOR KOLBE.

It is commonly conceded that to the average American student of the modern languages, German is the most important; consequently a large place is assigned to it. The object of this department is to enable the student to acquire rapidly a practical knowledge of German. Special attention is given to pronunciation and the training of the ear for the sounds of the German language. From the beginning, the German language is used in the class-room as the medium of teaching German. This well-tested method has yielded, during the many years of its use, very satisfactory results to all students who put forth proper efforts. Thus, this method consistently pursued during a four years' course not only guarantees to the faithful student an accurate and comprehensive knowledge, furnishing

the key to the vast field of German literature, but it recognizes also the practical claims of the German language in a country where millions of German-speaking people live, where business relations and demands, in their various forms, call for an actual and practical use of this language, and where, therefore, this language, above all, should become, as far as possible, a living language in the mouth of the student. In thus combining theory with practical work it is thought that the greatest good will come to the student in the pursuit of the German language through the means indicated. Below are the details of the various courses.

GERMAN.

I. Joynes-Meissner's Grammar, Part I; written grammar exercises from English into German; Bronson's Prose and Poetry. First half-year, 10:10, Monday, Tuesday, Wednesday, Thursday. Required of Philosophical and Scientific Freshmen.

II. Grammar, Part I, finished; written exercises continued; review of grammar; rapid oral translation of all English exercises of grammar into German; Storm's *Immensee*; Hillern's *Hoeher als die Kirche*; Gerstaecker's *Gernelshausen*. Second half-year, 10:10, Monday, Tuesday, Wednesday, Thursday. Required of Philosophical and Scientific Freshmen.

III. Schiller's *Maria Stuart*; von Jagemann's *Materials for German Prose Composition*; Lessing's *Minna von Barnhelm*; Schiller's *Ballads*; Dictation. First half-year, 9:15, Monday, Tuesday, Wednesday, Thursday.

IV. Heine's *Harzreise*; Sesenheim (Goethe's *Dichtung und Wahrheit*); Goethe's *Hermann und Dorothea*; German Prose Composition; History of German Literature. Second half-year, 9:15, Monday, Tuesday, Wednesday, Thursday.

V. Schiller's *Wallenstein*; German Essays and Letters; reading at sight; History of German Literature. First half-year, 8:00, Monday, Tuesday, Wednesday, Thursday.

VI. Goethe's *Egmont*; Lessing's *Nathan der Weise*; Simm's *Life of Lessing*; *History of German Literature*; *Review of History of German Literature* (written in German). Second half-year, 8:00, Monday, Tuesday, Wednesday, Thursday.

VII. Schiller's *Don Carlos*; Goethe's *Faust*; Goethe's *Meisterwerke* (Bernhardt); *History of German Literature* (Scherer); *German Composition*. First half-year, 1:30, Tuesday, Thursday.

VIII. Goethe's *Faust* (finished); Grimm's *Life and Times of Goethe*; *History of German Literature* (Scherer); *German Composition*. Second half-year, 1:30, Tuesday, Thursday.

FRENCH.

PROFESSOR KOLBE.

I. Edgren's *Grammar*; written *Grammar Exercises* from English into French; Super's *Reader*; Berthet's *Le Pacte de Famine*. First half-year, 2:25, Monday, Tuesday, Wednesday, Thursday.

II. Review of *Grammar*, written and oral; special drill on irregular verbs; *Prose Composition*; Erckmann-Chatrion's *Le Conscrit de 1813*; Musset's *Pierre et Camille*; Scribe's *Le Verre d'Eau*. Second half-year, 2:25, Monday, Tuesday, Wednesday, Thursday.

III. Racine's *Phedre*; reading at sight; *Prose Composition*. First half-year, 1:30, Monday, Wednesday.

IV. Moliere's *Le Misanthrope*; Corneille's *Le Cid*. reading at sight; *Prose Composition*. Second half-year, 1:30, Monday, Wednesday.

GREEK.

PROFESSOR BATES.

On leave of absence.

PROFESSOR ROCKWELL.

One year of elective work in Greek or Latin is required of candidates for the A. B. degree. The elective courses this year are VII and VIII.

During the freshman year the drill in forms and grammar is continued daily, and attention is given to the history and literature.

In the advanced courses the great masterpieces of prose and poetry are studied in their proper historical and literary setting, and the effort will be made during the three years' rotation of courses for the student to become more thoroughly acquainted with the lives and works of a small number of selected authors. As far as is admissible, some attention is given in connection with the regular work to Greek Private Life.

I. Lysias (Selected Orations); Homer (Odyssey); Literature. First half-year, 10:10, Tuesday, Wednesday, Thursday, Friday. Required of Classical Freshmen.

II. Plato (Apology and Crito); Euripides (Medea); Literature. Second half-year, 10:10, Tuesday, Wednesday, Thursday, Friday. Required of Classical Freshmen.

VII. Herodotus (Book VI); Aristophanes (Clouds, with special reference to Greek Private Life). First half-year, 9:15, Tuesday, Wednesday, Thursday, Friday.

VIII. Demosthenes (De Corona); Euripides (Iphigenia among the Taurians). Second half-year, 9:15, Tuesday, Wednesday, Thursday, Friday.

III. Isocrates (Panegyricus); Pindar (Selected Odes) For 1904-1905, first half-year.

IV. Æschylus (Persians); Æschines (Against Ctesiphon). For 1904-1905, second half-year.

V. Aristophanes (Birds); Thucydides (Book VII). For 1905-1906, first half-year.

VI. Sophocles (Œdipus Tyrannus); Demosthenes (Philippics); Selections from Greek Lyric Poetry. For 1905-1906, second half-year.

HISTORY OF GREEK SCULPTURE.

This has been planned as a general course and will not require work in Greek or Latin. It will consist largely of lectures. There will be a short introduction setting forth the relation of Greek Art to the Art of Egypt, Assyria and Phœnicia, and this will be followed by a discussion of the

various periods and schools of Greek Sculpture and the more important artists. The subject will be illustrated by photographs and lantern-slides. Tarbell's History of Greek Art will be made the basis of the course, and some collateral reading in histories of art will be required. The ability to read German, though not absolutely necessary, will be decidedly advantageous.

Note books of the students will be examined by the instructor from time to time.

The course must be taken the entire year to count in any way as a credit and it is open only to Juniors and Seniors.

Entire year, 3:20, Monday and Thursday.

LATIN.

PROFESSOR BATES.

On leave of absence.

PROFESSOR ROCKWELL.

One year of elective work in Greek or Latin is required of candidates for the A. B. degree.

The elective courses this year are VII and VIII.

During the Freshman year a careful review is made of the grammatical forms, syntax and idiomatic expressions, and written translations constitute a prominent feature of the work.

The courses for the advanced classes are arranged to give a comprehensive view of the great productions of Latin authors, and these are interpreted so as to awaken an appreciation for the history and the spirit of the times in which they lived. To assist in this, one hour a week is devoted to a more detailed examination of the antiquities of Roman private life, by lectures and collateral reading. This work will be amply illustrated by cuts, photographs and colored plates.

The courses in Latin are supplemented by Latin Prose Composition and Roman Literature.

I. Cicero (De Senectute); Plautus (Menæchmi); Prose Composition. First half-year, 11:05, Tuesday,

Thursday, Friday. Required of Classical and Philosophical Freshmen.

II. Pliny (Selected Letters); Horace (Odes and Epodes). Second half-year, 11:05, Tuesday, Thursday, Friday. Required of Classical and Philosophical Freshmen.

VII. Livy (Books XXI and XXII); Martial (Selected Epigrams). First half-year, 8:00, Tuesday, Wednesday, Thursday, Friday.

VIII. Terence (Andria) and Plautus (Trinummus); Cicero (Selected Letters). Second half-year, 8:00, Tuesday, Wednesday, Thursday, Friday.

During this year's work in Latin VII and VIII one recitation a week will be devoted to Roman Private Life. This work will consist of lectures and collateral reading designed to supplement the reading courses and will continue the work previously taken up. The domestic, social and industrial life, the customs, dress and implements of the Romans will be described and illustrated. The Private Life of the Romans by Johnston will be used as text-book.

III. Tacitus (Annals XI–XVI); Suetonius (Claudius and Nero); For 1904–1905, first half-year.

IV. Cicero (De Oratore); Catullus (Selected Odes). For 1904–1905, second half-year.

V. Tacitus (Germania and Agricola); Juvenal (Satires). For 1905–1906, second half-year.

VI. Lucretius (De Rerum Natura); Horace (Satires and Epistles). For 1905–1906, second half-year.

MATHEMATICS, ASTRONOMY AND METEOROLOGY.

PROFESSOR EGBERT.

The pure mathematics of the course are intended partly as a purely disciplinary mental drill, and the work is done, not with a view of cultivating the memory but of developing the powers of careful, independent reasoning, and original and exact thought. At the same time the student is led to do his work in a practical way, so that his mathematics becomes a ready and efficient tool in the pursuit of other subjects where it is applied. The details of the course are given below:

MATHEMATICS.

I. Advanced Algebra (Taylor's College), including Indeterminate Equations, Ratio and Proportion, Progressions, Theory of Limits, Derivatives, Series, Logarithms, Theory of Equations. Required for Freshmen. First half-year, 9:15 and 11:05, Tuesday, Wednesday, Thursday Friday.

II. Plane and Spherical Trigonometry (Crockett). In connection with the work in Trigonometry special attention will be given to practical operations in logarithmic calculations. Required for Freshmen, and continues during the whole half-year. Second half-year, 9:15 and 11:05, Tuesday, Wednesday, Thursday, Friday.

III. Analytic Geometry (Ashton), including the discussion of the Straight Line, the Conic Sections, the more important Transcendental Curves, the General Equation of the Second Degree and the Fundamental Equations of the Solid Analytics. For this course, courses I and II are required. First half-year, 10:10, Tuesday, Wednesday, Thursday, Friday.

IV. Calculus, Differential (Osborne), including the methods of differentiating the various functions, the application of the calculus to Geometry and the methods of curve tracing. For this course, courses I, II, and III are required. Second half-year, 10:10, Tuesday, Wednesday, Thursday, Friday.

V. Calculus, Integral (Osborne), including the methods of integrating the various forms, the application of integration to the determination of the lengths and areas of curves and the surfaces and volumes of solids of revolution, solution of problems in Mechanics and Differential Equations. For this course, courses I, II, III, and IV are required. First half-year, 2:25, Tuesday, Wednesday Thursday, Friday.

ASTRONOMY.

I. Descriptive Astronomy (Young), including a study of the physical constitution of the heavenly bodies and the laws which govern their movements. Illustrated

by the apparatus of the Observatory. This course continues during the whole of the half-year. For this course, courses I and II of the Mathematics are required. Second half-year, 8:00, Tuesday, Wednesday, Thursday, Friday.

II. Practical Astronomy (Campbell), including a mathematical study of the celestial sphere, transformation of co-ordinates, parallax, refraction, theory of the Transit Instrument, with a determination of its constants by observation, and methods of determining clock corrections. Problems will be assigned the student which he will work out for himself in the Observatory by observation and consequent reduction. For this course, the courses I, II, and III of the Mathematics and course I of Astronomy are required. First half-year, 1:30, Tuesday, Wednesday, Thursday, Friday.

III. Practical Astronomy (Campbell), including a study of the Theory of the Zenith Telescope and the method of determining latitude. Least squares with its application to the reduction of observations, a study of the Theory of Sextant and its methods of use in the determination of latitude and time. Practical work as in course II. In the work in practical Astronomy the methods used will be those employed by the practical astronomer. For this course, the courses I, II, and III of the Mathematics are required, and courses I and II of Astronomy. Second half-year, 1:30, Tuesday, Wednesday, Thursday, Friday.

SURVEYING.

SURVEYING (Raymond), including the study of the theory of the compass, the transit, including the solar attachment and the engineer's level. In the field work practical problems are assigned to the class which require the use of the various instruments in the class of work the engineer is required to perform. During the field work two hours per day will be given to the subject, and the course continues during the whole half-year. For this course are required the courses I and II of the Mathematics. Second half year, 2:25, Tuesday, Wednesday, Thursday, Friday.

METEOROLOGY.

METEOROLOGY (Waldo). A study of temperature, air pressure, winds, clouds, moisture, precipitation, atmospheric optics and electricity, general, secondary, and special circulation of the atmosphere, weather and weather prediction, general climate, and climate of the U. S. In addition to the theoretical work, the class will be required to conduct a series of meteorological observations after the methods of the U. S. Weather Bureau, and near the close of the half-year will be required for several weeks to make weather forecasts from data given by the U. S. Weather Bureau. First half-year, 8:00, Tuesday, Wednesday, Thursday, Friday.

ENGLISH LITERATURE, HISTORY, RHETORIC, LOGIC.

PROFESSOR PARSONS.

LITERATURE.

I. ENGLISH AND AMERICAN ORATORS.—Required of Freshmen in the Scientific Course. First half-year, 9:15, Monday, Wednesday, Friday.

II. ENGLISH AND AMERICAN ESSAYISTS.—Required of Freshmen in the Scientific Course. Second half-year, 9:15, Monday, Wednesday, Friday.

The purpose of these two courses is to give some knowledge of the masters of the oration and the essay; to show how great thought may be greatly expressed; to trace, so far as may be, the parts in the whole and the whole in the parts—the unity of the one, the divisions of the other, the orderly disposition of the subject-matter, its diction, illustrations and examples.

III. HISTORY OF ENGLISH LITERATURE TO THE SEVENTEENTH CENTURY.—Studies, Beowulf and fragments of Early English; Chaucer's Canterbury Tales; Spenser; Shakespeare begun. First half-year, 10:10, Monday, Tuesday, Wednesday, Friday.

IV. HISTORY OF ENGLISH LITERATURE, SEVENTEENTH AND EIGHTEENTH CENTURIES.—Studies, Shakespeare continued: Milton, Bunyan, Dryden, Addison, Pope, Johnson,

Goldsmith. Second half-year, 10:10, Monday, Tuesday, Wednesday, Friday.

V. HISTORY OF AMERICAN LITERATURE.—Studies, Irving, Bryant, Emerson, Hawthorne, Whittier, Longfellow, Lowell, Holmes. First half-year, 11:05, Monday, Tuesday, Wednesday, Friday.

VI. ENGLISH AUTHORS OF THE NINETEENTH CENTURY.—Studies, Scott, Wordsworth, Byron, Shelley, Dickens; Thackeray, George Eliot, Macaulay, Carlyle, Arnold, Ruskin, Browning, Tennyson. Second half-year, 11:05, Monday, Tuesday, Wednesday, Friday.

Courses III, IV, V, VI, in all, cover the history of English Literature from the fifth to the twentieth century. This story is necessarily inwoven with the larger story of national life, its traits, its higher aims, its moral conquests. The chief purpose, however, is to know, with some reasonable fullness, a few great authors by the study of what they have written; and, in slighter fashion, to learn something of their contemporaries and their times. Any text-book of literature is helpful—Brooke, Shaw, Halleck, Johnson, Taine, Tyler, Mathews, Newcomer.

Green's Short History of the English People is valuable. For the study of three or four of Shakespeare's greater plays, such as Hamlet, Macbeth, Othello, Lear, the individual editions are good,—Hudson, Rolfe, the Cambridge, the Arden: for the hastier reading of ten or twelve other plays, to get some idea of their rich variety, a complete edition in one volume is convenient. The minor poems of Milton and the Paradise Lost, entire, are read; hence, a volume of his poems, any edition, is necessary.

The College Library and the city library freely offer their large aid. Will it do to add that a knowledge of the Bible, in itself the noblest literature, is essential to the appreciation of all good literature? The wider the range, and the wiser the choice of a student's previous reading, the greater the benefit of these courses of study.

HISTORY.

I. HISTORY OF ENGLAND TO THE SEVENTEENTH CENTURY. Text-book, Terry. Green, Gardiner, Montgomery, Macaulay and others in the College library are used for reference.

II. HISTORY OF ENGLAND TO THE TWENTIETH CENTURY; a continuation of Course I. Text-book and references as above. As the history of England involves the interests of other countries, there must be additional subjects of study; any general history of Europe is helpful.

Lack of elementary English history and of historical reading is a serious want to the student. Such books as the following are recommended: Bulwer-Lytton's Harold, Kingsley's Hereward and Westward Ho; Shakespeare's English historical plays,—a part of the required work—Tennyson's Harold, Becket and Queen Mary, Scott's historical novels, Macaulay's and Thackeray's historical essays.

III. HISTORY OF EUROPE SINCE 1789. Any text-book on the period. Judson and Fellows, though elementary, are good. Müller is excellent for Germany. Historians of France are innumerable. This is a two-hour course; it extends throughout the year. 3:20, Tuesday and Wednesday.

ENGLISH.

RHETORIC AND EXPRESSION.

PRESIDENT CHURCH.

I. Required of all Freshmen. The first half-year is devoted to the study of diction and the structure of the sentence and paragraph, also to the principles of narration and description. Weekly drill in theme-writing and extempore composition will be given, especial attention being given to proper position, voice and enunciation in oral delivery. Text-book, Hart's Essentials of Prose Composition, supplemented by lectures, quizzes, etc. Tuesday, Wednesday and Thursday at 8:00 A. M.

PROFESSOR PARSONS.

II. Required of all Freshmen. Verse Composition, study and practice of the chief varieties of English verse and stanza. Practice in criticism; subjects chosen from entrance requirements in English. Exercises on forms of discourse. One theme per week; one oral per week. Monday, Friday, at 8:00 A. M.

LOGIC.

One half-year of Logic required of all candidates for the degree of Ph. B.

Logic is the study on the thought side of concepts, judgments, inferences; on the language side of terms, propositions, arguments; in other words, the study of correct processes of thought. It analyzes induction, traces its steps from observation, comparison, inference, proof, to the generalization of truths; it is the scientific method.

It passes not only from the particular to the general, but from the general to the particular, and points out in each case both the right way and the wrong.

It would be well for students to elect logic early, because inductive and deductive reasoning are fundamental to all other studies except the mathematics.

The text-book, Jevon's *Advanced Logic*. Any other logic is good for reference, especially Mill and Bain. Monday, Tuesday, Wednesday, Friday, at 2:25.

NATURAL SCIENCE.

PROFESSOR BROOKOVER.

One year of Elective Natural Science required of candidates for the degree of B. S.

ZOOLOGY I.—*Elementary Zoology*. This course is mainly one of training in laboratory methods. Its aim is to teach accuracy of observation. Fundamental animal types are studied and drawn. Two consecutive hours of laboratory work count as one recitation. Pupils learn the use and care of the compound microscope, and a study of some of the lower forms precedes lectures on the cell as the unit in biology. Text: Jordan and Kellogg's *Animal*

Life. The work will be continued into the second half-year until near the Easter Recess. Required of Freshmen. First half-year, four hours of laboratory work, 1:30-3:20, Monday and Tuesday, or Thursday and Friday.

ZOOLOGY II.—*Invertebrate Zoology*.—This is a course in Systematic Zoology. A large number of types are examined, dissected, and drawn. Their relationships are brought out by lectures and a suitable text. The lectures are illustrated by charts and lantern slides. The laboratory work is supplemented by a study of the College's collection of microscopic slides. Students are encouraged to make such slides for themselves. The College furnishes the necessary reagents and the latest pattern of Minot Automatic Rotary Microtome. This course with Zoology III forms an indispensable preparation for Geology II. First half-year, 8:00, Monday, Tuesday, Thursday, Friday.

ZOOLOGY III.—*Vertebrate Anatomy*. This continues the work of course II by dealing with the Chordates. As in the preceding course, one-half of the time is devoted to the examination of slides, to dissections and drawings. The embryology of at least one type from the five great classes of Vertebrates, will be studied from laboratory preparations. Second half-year, 8:00, Monday, Tuesday, Thursday, Friday.

BOTANY I.—*Elementary Botany*. This is a continuation of the biological studies commenced in Zoology I. Just previous to the Easter Recess some microscopic forms of Algæ and Fungi are studied. Emphasis is placed on their method of living and manner of reproduction. The relationship of plants to animals is discussed. Growing seedlings are studied morphologically and physiologically. Seeds are compared with spores. If time permits, a Liverwort, a Moss, or a Fern will be studied to show alternation of generations. May and June are devoted to a study of flowering plants. Their genetic relationships and ecology will form the basis of the work which is done in the field to as large an extent as possible. Pupils are to keep their afternoons free for this field work. An afternoon excursion

counts as an equivalent of two hours' laboratory work, or of one recitation. Required of Freshmen. Second half-year, three hours, one recitation at 8:00, and laboratory, two hours, each day at 1:30 to 3:20, Monday and Tuesday, or Thursday and Friday.

BOTANY II.—*Histology and Physiology*. In this course the cell and tissue structure are studied, and experiments in Plant Physiology conducted. The student is encouraged to prepare and stain permanent microscopic preparations for himself. One-half of the time is devoted to recitations and lectures. First half-year, 11:05, Monday, Tuesday, Thursday, Friday.

BOTANY III.—*Systematic Botany*. Half of the time is devoted to the laboratory study of types of Thallophytes, Bryophytes, Pteridophytes, and Spermatophytes. Their relationships are brought out by lectures and recitations. This course should precede Geology II. Second half-year, 11:05, Monday, Tuesday, Thursday, Friday.

GEOLOGY I.—*Structural and Dynamical Geology and Mineralogy*. One day each week is devoted to mineral classification, blow-pipe analysis in the laboratory and to crystallography. A knowledge of chemistry is a prerequisite. Structural and Dynamic Geology are studied in the field as largely as conditions will permit. Excursions are made to the points of special interest near Akron. Text: Le Conte's Elements. First half-year, 9:15, Monday, Tuesday, Thursday, Friday.

GEOLOGY II.—*Historical Geology*. In this course the work of the preceding course is continued by a study of the development of the American continent, and of the life forms that dominated in the past. Reference to the U. S. Geological Survey is encouraged. Text: Le Conte. Open only to those who have completed Geology I and Zoology I and II. It is better to have Botany III precede this course. Second half-year, 9:15, Monday, Tuesday, Thursday, Friday.

NEUROLOGY.—This course is a preparation for Psychology. Half of the time is devoted to laboratory work. Drawings are made of sections of the brains of different vertebrates. Later the anatomy and physiology of the sense organs are taken up. Lantern slides and charts illustrate the lectures. The course is a prerequisite for Psychology. First half-year, 10:10, Monday, Tuesday, Thursday, Friday.

The courses in Natural Science are so arranged that students who plan early in their course, can probably cover them all without conflict. Zoology and Botany should be taken first in the Sophomore and Junior years. Geology should follow in the Senior year. Proficiency in Natural Science can not be acquired in shorter time than is devoted to a foreign language. This time is usually not less than one subject for a period of three or four years.

POLITICAL ECONOMY AND SOCIOLOGY.

PROFESSOR OLIN.

One year of Political Economy required of candidates for the degree of Ph. B.

The courses, in this department, after course I, are given in alternate order, thus enabling the student to take one and a half year's work in place of one. The object of the work is to give the student a comprehensive grasp of the leading economic and political theories and their application to present-day problems. Emphasis is placed upon theoretical and historical development as alone affording a sure basis for the more practical part of the work.

ECONOMICS I.—*Political Economy*. An introductory course, designed for the study of the leading principles of the science and aiming to acquaint the student with the data of economic inquiry and the nature of economic laws. Preceding the study of the text, a course of lectures is given upon the evolution of modern industrial society, embracing a study of the development of our modern industrial conditions from the twelfth century to the present time.

The work is based on Ely's Outlines and Bullock's Introduction to Political Economy, as text-books, supplemented by essays, collateral readings, and observations. Each student is required to devote considerable time to some local problem. First half-year, 9:15, Tuesday, Wednesday, Thursday, Friday.

ECONOMICS II. *a.—Political Science.* A study of the outlines of American Constitutional History and the interpretation of the American Constitution by the Federal Courts. The student is familiarized with the main landmarks of our constitutional life and given a clear conception of the meaning of our constitutional government. Texts: Fisher's Evolution of the Constitution, Cooley's Constitutional Law. Two hours per week, second half-year.

b.—A Study of the American State. This course designs a survey of the theory of the state, by a comparative study of the organization of the principal governments of the world. Text: Wilson's, The State. Two hours per week, second half-year. Omitted 1903-1904.

ECONOMICS III. *a.—Economic Problems.* A detailed study of the problems and theories involved in some of the great economic questions now before the American people, such as railroad transportation, taxation, corporations, money, and banking. The work is based upon some authoritative text, and includes library work and the drafting of bills and debating them in class. Two hours per week. Second half-year, 9:15, Tuesday, Wednesday.

b. Sociology.—An elementary course designed to introduce the student to the elementary principles of human association and to develop the power of observing and analyzing social facts. Fairbank's Introduction to Sociology is read, essays, and library work. Two hours per week. Second half-year, 9:15, Thursday, Friday.

This course in Economics *a* and *b* will be given in 1903-1904.

Such students as desire to take all the work in this department are advised to take courses I and II in the Junior year and Course III in the Senior year.

ORATORY.

MISS RAY.

The object of this course is to acquire such harmony between mind and body that the body shall become the intelligible and agreeable medium of expression for the soul. Care is taken to develop by proper breathing a musical, resonant and flexible tone of voice, and to develop grace and force in the intelligent interpretation of thought and feeling.

Text-book theories are supplemented by physical exercises, by analyzing thought compositions, and by the interpretation of authors.

The work will be pursued in connection with the work in Rhetoric and Literature throughout the course, and a professional instructor will be furnished the students for drill in their preparation for public contests in the College.

I. **TECHNIQUE AND ART OF EXPRESSION.**—Oration. Literary interpretation. First half-year, 1:30, Tuesday, Wednesday.

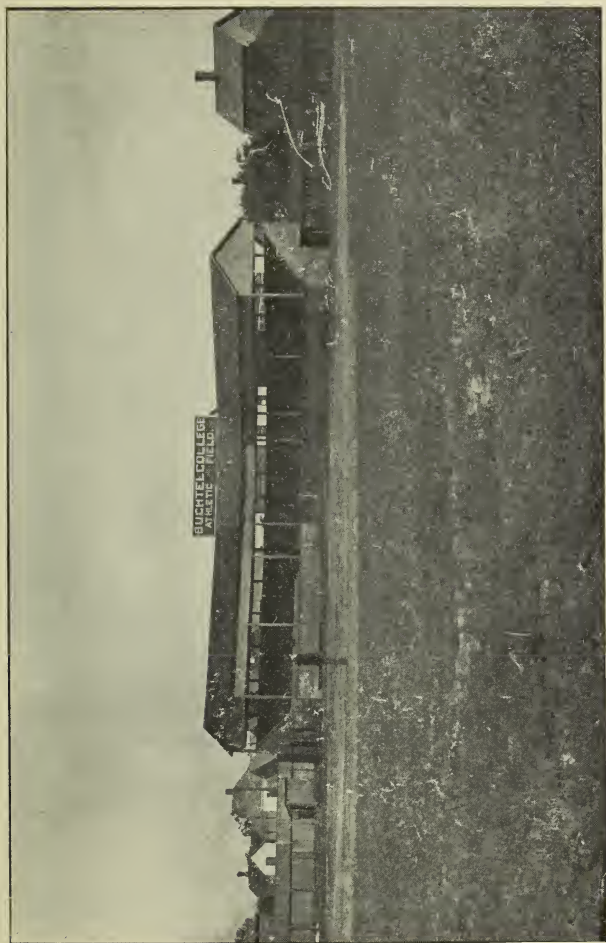
II. **LITERARY INTERPRETATION. DRAMATIC WORK.**—Open to those who have completed Course I. Second half-year, 1:30, Tuesday, Wednesday.

DEPARTMENT OF PHYSICAL TRAINING.

PROFESSOR ROCKWELL.

The regular gymnasium drill for young men will begin the Wednesday following Thanksgiving Day and will close the last of March. This work is required of all first year students of the College and all preparatory school students, but may be elected by others.

The drill consists of light setting-up exercises, dumb-bell sets and club-swinging by the entire class, and the work is directed to develop good form and to give complete control of the muscles of the body by light exercises. It aims to secure lightness, agility and grace rather than strength. Those students who are far enough advanced will be formed into special classes for work on the bars, fancy club-swinging and track-work.



ATHLETIC FIELD.

The gymnasium has been equipped this year with a very heavy running mat and a vaulting block, so that sprinting, hurdling and vaulting can be practiced during the winter. Near the close of March a Men's Gymnastic Exhibition will be held and many of the events will be preparatory for the Track Meet in the spring. The Exhibition counts as the examination in this course. Work on any of the other teams does not excuse attendance from the regular drill.

The gymnasium will be open for visitors only on Visiting Days and on other occasions only by special permission of the President or the Instructor in this department.

A limited number of resident students may be admitted to the drill by application to the Committee of the Faculty on Athletics and the payment of the incidental fee of \$3.50 for the entire period of four months.

The Men's Gymnastic Exhibition was held March 27, 1903, and the following students took prizes in the special contests:

Sprinting—E. P. Parshall, Pair of Running Shoes.

Club-Swinging—G. G. Paine, Pair of Clubs.

Parallel Bars—G. G. Paine, Suit of Tights.

Vaulting—E. P. Parshall, Silver Cup

Running High Jump—F. G. Swanson, Whitely Exerciser.

High Kick—Walter Booth, Cap.

Hurdles—Albert Brown, Sweater.

The Frank Talbot Fisher Medal for the athlete scoring the highest number of points was awarded to Edward P. Parshall.

The Athletic Association is very grateful to the following business firms of the city for the prizes offered at the Gymnastic Exhibition:

M. T. Cutter & Co., Pair of Running Shoes.

Robinson's Bookstore, Pair of Clubs.

J. Koch & Co., Suit of Tights.

The Frank, Laubach & Clemmer Co., Silver Cup.

M. O'Neil & Co., Whitely Exerciser.

Ganyard and Wood, Cap.

The Upham-Brouse Co., Sweater.

The Athletic Association is also honored by the gift of the Medal presented by Mr. Frank Talbott Fisher of New York and also by his very generous donation of prizes for the Track Meet. They consist of two cups of the value of \$50 each and a Medal and are given under the following conditions:

The Individual Cup is to be awarded to the Athlete making the greatest number of points in the Track Meet, and must be won by him three years in succession in order to become his permanent property.

The Class Cup is the permanent property of the Athletic Association and is to be competed for by classes each year. An honorary position upon the cup is awarded the name of the class scoring the greatest number of points in each annual Track Meet.

The Medal is to be given to the Athlete scoring the greatest number of points, and at once becomes his personal possession. One such medal is to be offered for each annual track meet.

The Individual Cup and the Medal are open to all academic students of the College and Academy who are bona fide students (not counting courses in music and art). The Class Cup is open to the four College classes.

The annual Track Meet to compete for these prizes will be held early in June of each year.

PHYSICAL CULTURE FOR YOUNG WOMEN.

MISS RAY.

The gymnasium drill for young women will begin about the middle of November and close about the first of April. This work is required of all first year College students and all Academy students, and may be elected by others. The purpose of this work with the young women is practically the same as that with the young men, and will be conducted under regulations and with apparatus suitable to secure this end.



ACADEMY.

BUCHTEL
ACADEMY.

TEACHERS AND OFFICERS
OF
BUCHTEL ACADEMY.

FOR THE YEAR 1903-1904.

AUGUSTUS B. CHURCH, A. M., D. D.,
President.

OSCAR E. OLIN, A. M.,
Principal and Teacher of English and History.

CHARLES M. KNIGHT, A. M., Sc. D.,
Director of Physics.

JOSEPH C. ROCKWELL, A. M.,
*Director of Greek and Latin,
And Director of Gymnasium for Young Men.*

ALBERT I. SPANTON, Ph. B.,
*Teacher of Literature,
Assistant Principal and Secretary of the Faculty.*

CLAUDIA E. SCHROCK, A. B.,
Teacher of Latin and Greek.

BLANCHE M. WIDDECOMBE, Ph. B.,
Teacher of Latin and Mathematics

CHARLES R. OLIN, B. S.,
Teacher of Mathematics.

ANNA M. RAY,
Teacher of Expression and Physical Culture for Young Women

MAY F. SANFORD,
Teacher of Drawing.

GENERAL INFORMATION.

Recognizing that students coming from all parts of Ohio and the adjoining states, to enter college, have not the same preparation, and that many of them are deficient in or lack some branch of study essential to College admission, the Trustees established an Academy in which all deficiencies can be made up. The School also furnishes to such as live in towns not supplied with a high-grade High School an opportunity to acquire at moderate cost a thorough preparation for College classes. There are three courses of study of three years each, corresponding to the courses of the College.

This Academy is under the same general administration as the College, and is under the immediate supervision of the Principal. All students are received as coming for the purpose of doing the best they can for themselves. All diligence will be used to advance them in their work, but as they do their studying in their own rooms, teachers can not assume responsibility for those who, through want of application, fail to prepare their lessons. Self-government is the central idea.

Students in High Schools and Academies, who intend to take a College Course, are recommended to spend the last preparatory year in this School, on account of the better adjustment of the studies to the regular College work, and for the sake of mental discipline in accord with college methods of study.


Students will be examined and assigned to classes for which they are qualified. Those presenting a certificate of promotion from a good grammar school, or a common school certificate under the Patterson law will be admitted without examination, subject to the condition that they sustain themselves in their work; but the right is always reserved to examine in English Grammar. To enter the Junior class of this school, applicants should have completed Arithmetic, Grammar, U. S. History and Descriptive Geography.

Those desiring to enter advanced work will be examined in the studies of the lower classes.

During the course of study, written reviews and unannounced examinations or tests are held at the discretion of the teachers, and announced examinations are required in the case of absence or failure.

Original literary exercises are required of all students after the Junior year in connection with the reading of the books named on page 35.

Literary societies are formed with all classes under the direction of the instructors.

 Provision is made for instruction in English studies for those not pursuing a regular course.

Special classes in Arithmetic, Grammar, and United States History will be formed when a sufficient number of students desire them.

All the teaching will be done by regular instructors, some of them members of the College Faculty, and no pains will be spared to make this a school of thorough training in preparatory work.

A certificate of graduation will be given to all who complete the course without conditions.

Those who desire to fit for the scientific schools will be given such work as will prepare them in the most direct and thorough way. Although the especial design of the Academy is to fit for Buchtel College, those who are preparing for other schools will be allowed to select from the courses offered such studies as will meet all requirements of the college chosen. They will be recommended also or any College studies that may be necessary.

The School occupies a building by itself—a modern school building, thoroughly equipped, with class rooms, offices, art rooms, laboratory, and hall.

It is hoped that arrangements can soon be made so that the full Academy course will occupy four years, but in such case provision will be made whereby good students may make the direct preparation for most colleges in three years.

REGULATIONS.

Regular class attendance, courteous deportment, and earnest endeavor are expected of all.

Monthly reports of the progress of students will be sent to parents or guardians.

Parents will be requested to withdraw a student, who, after full trial, fails to maintain himself in his studies.

No student will be allowed to take up or drop a study without the consent of the Principal.

The use of tobacco and alcoholic liquors in and about the buildings or on the campus is prohibited.

It is useless to expect any pupil who indulges in either to make satisfactory progress in class work.

Parents are requested to co-operate with the Faculty in keeping pupils from these vicious indulgencies.

All property destroyed, defaced, or injured by students maliciously or carelessly must be paid for by such students.

All forms of hazing are prohibited.

Class "rushes" and class disturbances of every kind are forbidden.

All "initiations" of students, except by express permission of the Faculty, are forbidden.

COURSE OF INSTRUCTION.

LATIN.

The course in Latin covers three years, with recitations five hours a week, for Classical and Philosophical students. Two years only are required for the Scientific Course.

The first year's work includes Bennett's Latin Lessons and Grammar, Cæsar, forty chapters.

The second year's work includes: Cæsar, four books completed; Cicero, six orations.

The third year's work includes: Vergil's Aeneid, Books I-VI; Prose Composition; Roman History.

GREEK.

Two full years of Greek are required in preparation for the Classical Course. The Course includes:

FIRST YEAR.—White's First Greek Book; Xenophon's Anabasis, Book I.

SECOND YEAR.—Xenophon's Anabasis, Books II and III; Greek Prose; Greek History; Homer's Iliad, Books I, II, and III.

MATHEMATICS.

A good knowledge of Arithmetic is required of all who enter the Junior year.

ALGEBRA.—A year and a half is given to Algebra, with recitations five times a week. Taylor's Elements is used as a text.

PLANE AND SOLID GEOMETRY.—Text-book, Wells' Essentials of Plane and Solid Geometry.

One year with recitations five times a week is given to text-book work and original demonstrations.

ENGLISH.

RHETORIC AND COMPOSITION.

One year, with recitations five times a week, is given to text-book work and written themes. Punctuation, sentence-structure, and grammatical accuracy are emphasized, and the aim throughout is to train the pupil to express his thoughts in clear, idiomatic English. Only such pupils are allowed to enter this class as are well grounded in English Grammar.

LITERATURE.

One year, with recitations four times a week, is given to text-book work and written themes. The work includes a study of the History of English Literature and of the classics required for college entrance.

SCIENCE.

PHYSIOLOGY (Martin's Human Body). One half year is given to text-book work, with note book, drawings, charts, etc. Required in Philosophical and Scientific courses.

PHYSICAL GEOGRAPHY (Davis). One half-year. Required in Philosophical and Scientific courses.

PHYSICS (Carhart and Chute). One year is given to Physics. Chute's Manual is used in Laboratory practice. The Academy building contains an excellent physical laboratory. Required in Scientific course.

CHEMISTRY (Hessler and Smith). A course of one half-year in Elementary Chemistry is provided for Senior students who are preparing for Scientific schools. They are given regular practice in the College Laboratories.

GERMAN.

One year of German is provided for Senior students who are preparing for Scientific schools. Such students are at present taught by Dr. Kolbe of the College.

HISTORY AND CIVICS.

U. S. HISTORY is required for entrance, but for students otherwise prepared classes will be organized when needed.

GENERAL HISTORY will be required in all Philosophic and Scientific courses. It is taught in the Senior year under Ancient, Mediæval, and Modern History.

CIVICS includes an analysis and study of the U. S. Constitution and the forms of local government. Middle year.

SUMMARY OF COURSES OF STUDY.

JUNIOR CLASS.

1st Half-year.	2d Half-year.
Algebra.	Algebra.
Latin.	Latin.
Rhetoric.	Rhetoric.
English History (Opt.)	Drawing (2).
Gymnasium.	Gymnasium.

MIDDLE CLASS.

Classical.	Philosophical.	Scientific.
1st Half-year.	1st Half-year.	1st Half-year.
Algebra.	Algebra.	Algebra.
Latin.	Latin.	Latin.
Greek.	Physiology.	Physiology.
Eng. Comp. (1)	Eng. Comp. (1).	Eng. Comp. (1).
Gymnasium.	Gymnasium.	Gymnasium.
2d Half-year.	2d Half-year.	2d Half-year.
Latin.	Latin.	Latin.
Greek.	Physical Geog. (4).	Physical Geog. (4).
Literature (4).	Literature (4).	Literature (4) or Chemistry (4).
Rhetoricals (1).	Rhetoricals (1).	Rhetoricals (1).
Civics (3).	Civics (3).	Civics (3).
Gymnasium.	Gymnasium.	Gymnasium.

SENIOR CLASS.

Classical.	Philosophical.	Scientific.
1st Half-year.	1st Half-year.	1st Half-year.
Vergil.	Vergil.	Physics.
Greek.	Plane Geometry.	German (Opt.)
Plane Geometry.	English. and Lit.	Plane Geometry.
English. (1)	Gymnasium (Opt.)	English and Literature.
Gymnasium (Opt.)		Gymnasium (Opt.)
2d Half-year.	2d Half-year.	2d Half-year.
Vergil.	Vergil.	Physics.
Greek.	Solid Geometry.	Solid Geometry.
Solid Geometry.	General History.	General History.
Rhetoricals (1)	Gymnasium (Opt.)	German (Opt.)
Gymnasium (Opt.)		Gymnasium (Opt.)

MUSIC SCHOOL
AND
ART SCHOOL
OF
BUCHTEL COLLEGE

Buchtel School of Music.

INSTRUCTORS.

ESTELLE F. MUSSON, Director and Instructor in Piano and Harmony.

CHARLES E. CLEMENS, Organ, Theory and Orchestration.

ALBERT HUNT HURD, Voice.

CARL DUERINGER, Violin and Viola.

OBJECTS OF THE SCHOOL.

The first aim of this school is to gain artistic results. It is conducted on the idea that interpretation and conception of music are the highest attainments of the art. To acquire these artistic results, uniformity of method and strict technical training are held to be of first importance.

In carrying out these aims the school has a corps of instructors who are specialists of ability and high standing in their particular lines.

Practice pianos will be furnished students at low rates.

A large pipe organ has been placed in the music room for college use and instruction. It is a two-manual organ of a capacity for practice and execution sufficient for the work required on any organ in the city.

It is connected with a motor, and practice hours may be arranged with Miss Estelle F. Musson for pupils and organists of the city.

Certificates of attainment will be issued to students who have completed certain prescribed courses of study.

For further particulars as to courses, hours and tuition, address Estelle F. Musson, Director, Buchtel College, Akron, O.

PIANO AND THEORY.

ESTELLE F. MUSSON, *Instructor.*

Good tone, musical expression and correct interpretation, are indispensable to good piano playing.

In order to attain these, technique, ear training, phrasing, expression and style are emphasized from the beginning. The works of the masters are studied as illustrations of these principles.

Pupils' recitals are given each half-year. In these recitals, the best works are rendered. Below is a program given by the pupils.

Miss Musson studied at the Royal Conservatory of Music at Leipzig, Germany, under such teachers as Dr. Oscar Paul, S. Jadassohn, Johannes Weidenbach, and Paul Homeyer.

She has had ten years of successful experience as a teacher, four years being in connection with Buchtel College, and will receive pupils in Piano and Harmony.

TERMS.

Piano—	{ private lessons, per term of 20 lessons	\$20 00
	{ class lessons, per term of 20 lessons.....	15 00
Theory—	{ private lessons, per term of 20 lessons	25 00
	{ class lessons, per term of 20 lessons.....	15 00

Arrangements for piano practice can be made at reasonable rates.

ORGAN AND THEORY.

CHARLES E. CLEMENS, *Instructor.*

Mr. Charles E. Clemens has been in America about four years, coming here direct from Berlin, Germany, where for a period of six years he occupied the position as organist at the Royal Chapel, and was Professor of Organ and Musical Theory in the celebrated Klindworth-Scharwenka Conservatorium of that city.

Soon after his arrival here he was engaged as organist and choir master of St. Paul's P. E. Church, of Cleveland, Ohio, which position he still holds.

The organ has claimed the greater share of his attention, and as a concert performer he has made his name known on both continents.

TERMS.

Organ—per term of 20 lessons, $\frac{1}{2}$ hour each.....		\$40 00
Theory—	{ private lessons, per term of 20 lessons ..	25 00
	{ class lessons, per term of 20 lessons	15 00

VIOLIN AND VIOLA.

CARL DUERINGER, *Instructor.*

Mr. Dueringer was educated at the Royal Conservatory of Music at Leipzig, Germany, where, under such famous masters of the violin as Herman Becker and Brodsky, he received a most thorough knowledge of the art of violin playing. Soon after his return to America he accepted a position with the famous Philharmonic String Quartet of Cleveland, Ohio, which position he still holds, as also that of Director of Violin in the Wolfram College of Music in Cleveland.

As a concert artist Mr. Dueringer has an enviable reputation. And as a thorough student of music and a thorough and technical teacher of Violin and Viola, his marked success for many years places him among the first in the state.

TERMS.

Violin—per term of 20 lessons, 40 minutes each.....\$30 00

VOICE CULTURE.

ALBERT HUNT HURD, *Instructor.*

Mr. Hurd enters upon his third year as vocal instructor in the Buchtel School of Music.

Mr. Hurd's training and study were with the intention of adopting teaching as a profession, and his past work has proven him a careful and pains-taking instructor. It is everywhere conceded that the singers who have been successful are those who have spent the most time in hard conscientious work on the rudiments of their art. Tone placing, breathing and enunciation are only too often slighted in the hurry to give a pupil a song before the voice is sufficiently under control and strengthened, or before the higher tones are developed so that they can be used without strain or effort. Mr. Hurd works so that a singer may be led up to the point where the voice can be used with the utmost relaxation, and without that physical effort so apparent in many vocalists. Much time and money is wasted in passing lightly over the fundamental principles of tone production, the result being, that after

two or three years' work the voice breaks down, the singer becomes discouraged, and singing is abandoned; while a voice used naturally and freely will improve the longer one sings.

Mr. Hurd's experience and study have eminently fitted him not only to carefully guide the novice to higher perfection and development, but to overcome such common, and so little understood faults, as "throaty tone," the contraction of throat muscles and a stiff tongue, which prevent an easy manner of singing and clear enunciation.

TERMS.

Ten weeks' instruction, two lessons per week\$30 00
Ten weeks' instruction, one lesson per week 15 00
Payable in advance.

FIRST TERM—September 14 to November 21.
SECOND TERM—November 23 to February 6.
THIRD TERM—February 8 to April 16.
FOURTH TERM—April 18 to June 25.

Lessons not taken at appointed time must be made up in same term, or in succeeding term. Protracted illness will alone be accepted as excuse for absence.

PROGRAM OF A CONCERT
BY THE
BUCHTEL MUSIC SCHOOL,
Assisted by Prof. Dueringer's Orchestra,

JUNE 4, 1902.
8 o'clock.

PROGRAM.

- 1. Coronation March (From The Prophet)..... *Meyerbeer*
ORCHESTRA
 - 2. Violin Solo—Air and Variations..... *Farmer*
WILFORD NEEDS
 - 3. Piano Solo—Impromptu..... *Schubert*
MISS HINDERER
 - 4 The Dying Poet..... *Gottschalk*
ORCHESTRA
- Florence Dueringer at the Piano

- | | | |
|-----|--|----------------|
| 5. | Vocal Solo—Clang of the Forge..... | Rodney |
| | EARL WEARY | |
| 6 | Violin Solo..... | De Beriot |
| | MISS FLORENCE MOORE | |
| 7. | Jubilee Overture (Two pianos, eight hands) | Weber |
| | CORA BLOSE | EMILY DAWSON |
| | ESTHER FRANK | MINNIE SPULLER |
| 8. | Overture | Lavelle |
| | ORCHESTRA | |
| 9. | Piano Solo—"Du Bist die Ruhe" | Schubert-Liszt |
| | MISS BLOSE | |
| 10 | Trio—Piano and two Violins..... | Humperdink |
| | MISS MUSSON, MISS SCHWARZ, and MR. LAGANKE | |
| 11. | Selection from "Tauchon" | Isenman |
| | ORCHESTRA | |

SCHOOL OF ART.

MAY FAIRCHILD SANDFORD, *Instructor.*

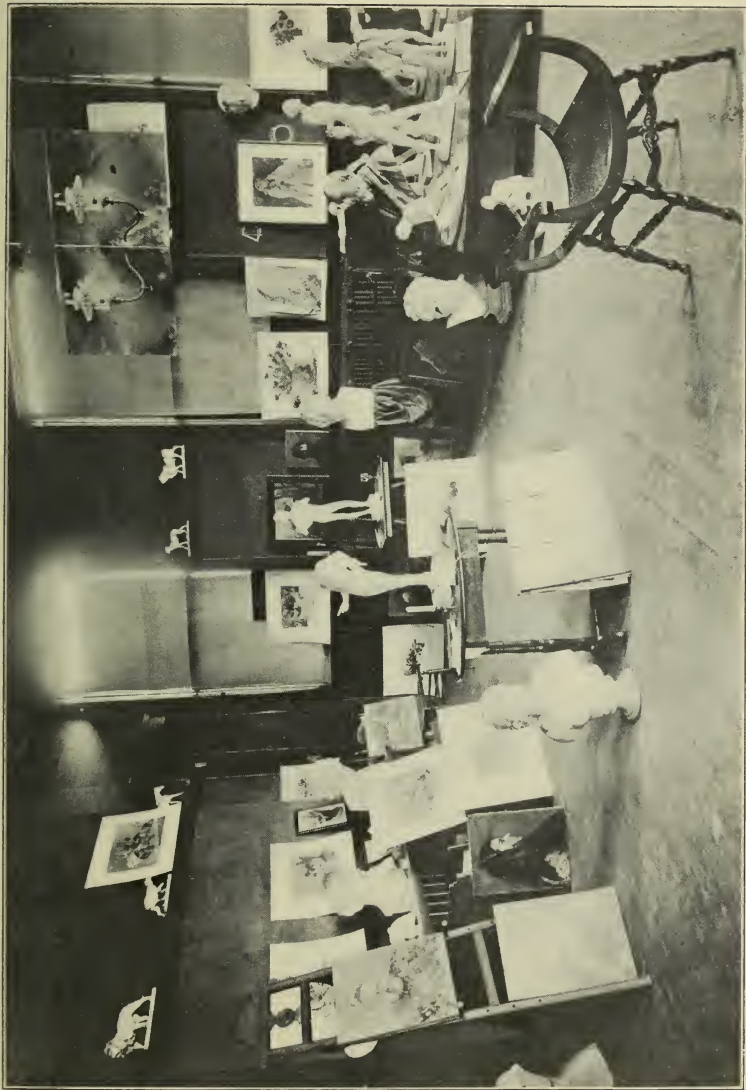
The Buchtel College School of Art offers advantages superior to most colleges and equal to the best art schools in the country, in both its primary and higher branches.

Two principal ideas prevail in the Art School. *All practical knowledge of Art is based upon drawing. All drawing is from nature.*

The students follow a progressive course, passing from step to step as they show proficiency. Students are not kept back for a class, each one being advanced as fast as his ability or effort will allow. *Quality* of the work done, not a given number of works or a fixed length of time, determines the advancement.

The course embraces work in charcoal, crayon, pen and ink, pencil, pastel, water color and oil. Pupils work from still life, cast and life.

Students may enter the school at any time by presenting themselves and registering. It is to their advantage, however, to do so as near the beginning of the year as possible. Pupils may work all day, half a day, or by the hour. A portrait class will be formed, and drawings from the living model will be one of the advantages offered advanced pupils.



ART STUDIO.

Those desiring to prepare themselves for teaching will receive special attention.

A class for children will be held Saturdays from 8.30 to 11.30.

The studios are open all day five days and Saturdays in the forenoon.

Exhibitions of students' work are held during the year, besides special exhibitions of the work of resident and foreign artists.

TUITION.

Each half year (20 weeks), all day.....	\$50 00
Each half year, half day, five times a week.....	29 00
Each half year, half day, three times a week.....	22 00
One month, all day.....	12 00
One month, half day.....	8 00
Children's class, twelve weeks.....	9 00
All other arrangements, per hour.....	25

Visitors are always welcome, and the public is invited to all receptions and exhibitions.

All communications should be addressed, May F. Sanford, Buchtel College,,Akron, Ohio, or call at the Studios, Academy Building, College Grounds, on or after September 15.

REGISTER

of

STUDENTS OF THE COLLEGE

for

1902-1903.

SENIOR CLASS.

COURSE.

Andree, Hermann Julius.....	C.....	Chillicothe.
Brown, Chalmers Simms.....	P.....	Mt. Gilead.
Gayer, Clara Louise.....	S.....	Akron.
Greer, Carlotta Cherryholmes ..	P.....	Akron.
Horix, Louise V.....	C.....	Akron.
Hotchkiss, Donald	P.....	Akron.
Jefferson, Grace Ethel.....	C.....	Florence.
Marty, Pearl Anne.....	P.....	Greenwich.
Mihills, Lawrence Aubrey.....	P.....	Akron.
Miller, Adele Melita.....	P.....	Akron.
Motz, Miriam Amy.....	S.....	Akron.
*Pardee, Don Aaron Jr.....	C.....	Wadsworth.
Parshall, Gladys.....	C.....	Akron.
*Rowell, Harry Emmet.....	C.....	Norwalk.
Starkweather, Ada Vivian.....	S.....	Palmer, Ill.
*Warner, Arthur Eugene.....	S.....	Ludlow, Vt.
White, Roscoe	S.....	N. Springfield.

Seniors, 17

JUNIOR CLASS.

COURSE.

*Brown, Frank Howard.....	S.....	East Akron.
*Carlton, Clarence Clay.....	P.....	Akron.
*Dawson, Emily Sarah	P.....	Sterling.
*Huggins, Kathrine Kent.....	P.....	Kent.
*Nardin, Charles Carloman.....	S.....	Stryker.
Olin, Charlotta Harriet.....	P.....	Akron.
*Reynolds, Dana Farnum.....	C.....	Leroy.
*Reynolds, Harriet Emeline.....	C.....	Leroy.
Swanson, Frederic Glenn.....	P.....	McGraw, Pa.
Thomas, John Webster.....	P.....	Tallmadge.
*Welton, Frank Aldis.....	S.....	Medina.
Widdecombe, Bertha Rene.....	S.....	Kent.

Juniors, 12.

*Not in full class standing.

SOPHOMORE CLASS.

COURSE.

Crist, Robert.....	S.....	Cuyahoga Falls.
Ellett, Elsie Gertrude.....	P.....	Bedford.
Faunce, Charles Darwin.....	S.....	Conneautville, Pa.
*Lynn, Ella Viva.....	P.....	Akron.
McChesney, William Thomas.....	S.....	Krumroy.
*Miller, Edward Morris.....	S.....	Kent.
Nickerson, Scott.....	S.....	Cuyahoga Falls.
Rockwell, Mary.....	C.....	Akron.
Voris, Elizabeth.....	C.....	Akron.
Williamson, Ralph C.....	P.....	Tallmadge.

Sophomores 10.

*Not in full class standing.

FRESHMAN CLASS.

COURSE.

Adams, Mina L.....	P.....	Akron.
Auble, Margaret Edith.....	P.....	Akron.
Brouse, Clara Florine.....	P.....	Akron.
Brown, Albert.....	S.....	Mt. Gilead.
Butler, Henry Karl.....	S.....	Akron.
Camp, Della Irene.....	P.....	Union City, Pa.
Carns, Ethel May.....	P.....	Akron.
Carter, Homer Wilbur.....	S.....	Everett.
Clark, Hazel Ione.....	S.....	Pittsburg, Pa.
Clark, Mildred Matilda.....	P.....	Chicago.
Conner, Chester Farnham.....	P.....	Akron.
Davies, Gordon.....	P.....	Akron.
Ebright, Ruth Bissell.....	P.....	Akron.
Evans, Esther Alice.....	S.....	Akron.
Ferbstein, Fannie.....	P.....	Akron.
Fiebeger, Rosalie Alice.....	P.....	Akron.
Gayer, Jacob John.....	P.....	Akron.
Greenwood, Esther.....	P.....	Akron.
Heacock, Edith Hannah.....	P.....	Chicago.
Hemington, Lucretia Emmerson.....	P.....	Akron.
Inman, Alice Frederica.....	P.....	Akron.
Jones, William Clark.....	P.....	Corry, Pa.
Knight, Hal.....	S.....	Akron.
Mottinger, Byron Thomas.....	S.....	Akron.
Motz, George Benjamin.....	S.....	Akron.
Myers, Glenn Edwin.....	P.....	Barberton.
Parshall, Edward Pardec.....	S.....	Akron.
Pitkin, Paul Bancroft.....	P.....	Akron.

Ross, Scott Le Roy.....	S.....	Akron.
Saunders, Amy Lillian.....	S.....	Akron.
Selden, Bessie Mable.....	P.....	Akron.
Thomas, Margaret	C.....	Akron.
Wells, James Raymond.....	P.....	Akron.

Freshmen, 33.

SPECIAL STUDENTS.

Allen, Christina Cynthia.....	Akron.
Carnahan, Ruth.....	Akron.
Emery, Wilbur.....	Cuyahoga Falls.
Flower, Arthur Howard.....	Akron.
Hook, Bessie Laura.....	Kent.
Lloyd, Ethel Mae.....	Barberton.
Naftzger, Otto Thomas.....	Kent.
Pfeiffer, George Frederick.....	Uniontown.
Weaver, Charlotte Winger.....	Akron.
Zepp, Amanda Elida.....	Wadsworth.

Specials, 10.

REGISTER OF STUDENTS

of

BUCHTEL ACADEMY

for

1902=1903.

SENIOR CLASS.

COURSE.

Adair, Frank Howard.....	S.....	Copley.
Beeler, Roy.....	S.....	Akron.
Booth, Walter.....	S.....	Akron.
Brenizer, Howard C.....	S.....	Akron.
Chapman, George Byron.....	S.....	Akron.
Cope, Edward Leroy.....	S.....	Akron.
Durr, Arthur William.....	S.....	Akron.
Harpham, Raymond Lee.....	S.....	Akron.
Harrington, Lulu H.....	N.....	Monroe Falls.
Jennings, David Luther.....	S.....	Akron.
Krager, Paul.....	S.....	Akron.
Mowery, George Abraham.....	S.....	Keene.
Myron, Nellie.....	N.....	Boston.
Olin, Blanche Marie.....	P.....	Akron.
Paine, George Granville.....	S.....	Akron.
Pfeiffer, George Frederick.....	S.....	Uniontown.
Reilly, Anthony Redmun.....	S.....	Akron.
Roach, Elizabeth Meikle.....	C.....	Akron.
Roach, Ethel Minerva.....	C.....	Akron.
Sadler, Howard.....	P.....	Akron.
Spangler, George Howard.....	S.....	Clinton.
Staver, Camille Rose.....	S.....	Summit.
Swinehart, Vene.....	N.....	Akron.
Traster, William Earl.....	S.....	Akron.
Whitmore, Agnes Emma.....	S.....	Mogadore.
Witner, Ava Blanche.....	P.....	Sherbondy
Yerrick, Ida Catherine.....	N.....	Summit.

Senior Academy, 27.

MIDDLE CLASS.

Bell, Albert W.....	Peninsula.
Brodt, Beulah C.....	Akron.
Comey, Albert.....	Akron.
Davis, Lisle Laughead.....	Cuyahoga Falls.

Fichthorn, Ewing.....	Milledgeville.
Garman, Ruth.....	Akron.
Gridley, Fay Anson.....	Akron.
Gschwind, Carl.....	Akron.
Guiley, Elton.....	Akron.
Iredell, Robert.....	Akron.
Miller, Margaret.....	Akron.
Pfaff, Helen Isabella.....	Akron.
Pope, Charles Abram.....	Akron.
Sauder, Edith May.....	Akron.
Sippy, Burne Olin.....	Akron.
Snyder, George Delbert.....	Akron.
Sumner, Beatrice.....	Akron.
Sumner, Mac.....	Akron.
Thomas, John Warren.....	Akron.
Tuttle, Elizabeth.....	Akron.
Weaver, John Hershey.....	Akron.
Wetzel, Marie Theresa.....	Akron.

Middle Academy, 22.

JUNIOR CLASS.

Anger, Edwin.....	Akron.
Bonstedt, Harry.....	Akron.
Carnahan, Harry.....	Akron.
Carpenter, Ford Lincoln.....	Akron.
Christensen, Carl.....	Akron.
Collier, Gertrude Edna.....	Akron.
Courson, Robert Veon.....	Akron.
Dehnel, William.....	Mansfield.
Evans, James Ohio.....	Akron.
Fisher, Julius Royal.....	Akron.
Foltz, Earl.....	Akron.
Fullum, Alfred.....	Ravenna.
Hale, Ralph Plum.....	Cuyahoga Falls.
Hargett, George.....	Akron.
Hatch, Asa Adelbert.....	Peninsula.
Jump, Claude Albert.....	Akron.
King, Lucian Loomis.....	Akron.
Knight, Helen Lillian.....	Akron.
Logan, Arthur David.....	Akron.
Loomis, Fanny.....	Akron.
McBride, Beatrice.....	Akron.
Mihills, Herbert.....	Akron.
Naher, Katheryn Almeda.....	Akron.
Olin, Robert Russell.....	Akron.
Pfaff, Herman.....	Akron.

Phallen, Oscar.....	Granger.
Rockwell, Wade.....	Akron.
Sheck, Frank E.....	Akron.
Smith, George H.....	Cuyahoga Falls.
Stowers, Forrest Case.....	Akron.
Sweeten, Vera.....	Akron.
Wachner, James.....	Akron.
Warner, Harry.....	Thomastown.
Wettach, Fred.....	Akron.
White, William Russell.....	Akron.
Williams, Herbert Lloyd.....	Footville, Wis.
Yerrick, John Clayton.....	Myersville.

Junior Academy 37.

UNCLASSIFIED.

Allyn, Harry.....	Copley.
Arnoux, Elizabeth.....	Barberton.
Benner, Curtis Henry.....	Akron.
Boylan, Anna.....	Akron.
Brickles, Ross Clayton.....	Ira.
Clark, Ethel.....	Akron.
Dickinson, Sumner.....	Akron.
Doyle, Dayton Augustus, Jr.....	Akron.
Holloway, Ray.....	Akron.
Hoye, Julia Margaret.....	Akron.
Jahant, Charles.....	Akron.
Knight, Maurice Acomb.....	Akron.
Lowry, Mabel.....	Akron.
Miller, Bodo Emanuel.....	Akron.
Miller, Gail.....	Akron.
Moore, Katherine Elizabeth.....	Akron.
Newcomb, Lucy Milne.....	Akron.
Reid, Edna Blanche.....	Akron.
Reinhard, Cyril De Witt.....	Akron.
Selden, Howard Green.....	Akron.
Weary, Earl Delos.....	Akron.
Weeks, Lulu Lovina.....	Akron.
Weston, Cynthia Belle.....	Thomastown.

Unclassified Academy, 23.

REGISTER OF STUDENTS

of the

MUSIC SCHOOL.

Alexander, Gladys.....	Marshallville.
Alexander, Glen.....	Marshallville.
Andrews, Mrs. B. F.....	Akron,
Arnold, Chas.....	Canton.
Benner, Mrs. Chas.....	Akron.
Berry, Mrs. Chas.....	Akron.
Blose, Cora.....	Akron.
Brown, Frank H.....	Akron.
Buchtel, Marguerite.....	Akron.
Burman, Minnie.....	Akron.
Camp, Della.....	Union City, Pa.
Carl, Ethel.....	Akron,
Church, Evelyn.....	Akron.
Cranz, Mrs. Earl.....	Akron.
Dawson, Emily.....	Sterling.
Duncan, David.....	Akron.
Duncan, Grace.....	Akron.
Frank, Charley.....	Akron.
Fisher, Louis.....	Ravenna.
Glover, Nellie.....	Akron.
Hanson, Pearl.....	Akron.
Hartong, Cora.....	Akron.
Hinderer, Oxalia.....	Marshallville.
Hoff, Helen.....	Akron.
Hoover, Mrs. Jessie.....	Akron.
Hotchkiss, Ruth.....	Akron.
Hoye, Grace.....	Akron.
Hoye, Mary.....	Akron.
Hurd, Mrs. J. F.....	Akron.
Isenman, Laura.....	Akron.
Imler, Effie.....	Akron.
Inman, Hesper.....	Akron.
Kenward, Chas.....	Ravenna.
Knight, Hal.....	Akron.
Kolmer, Robert.....	Akron.
Koons, Haskell.....	Canton.
Kyes, Ida.....	Akron.
Laubach, Mabel.....	Akron.

Lowry, Mabel.....	Akron.
McNaughton, Marie.....	Akron.
McFarlan, Laura.....	Akron.
Merrill, Katherine.....	Akron.
Morrison, Miss E. B.....	Akron.
Moore, Clara.....	Akron.
Noel, Anna.....	Akron.
Olin, Estella.....	Akron.
O'Neil, Bertha.....	Akron.
Owen, D. F.....	Akron.
Peters, Albert.....	Akron.
Phelps, Florence.....	Akron.
Pratt, Alfred.....	East Liverpool.
Rickard, Bessie.....	Wadsworth.
Sadler, Howard.....	Akron.
Schrock, Claudia.....	Akron.
Schlicwe, Mrs.....	Akron.
Sitters, Della.....	Akron.
Sourek, Anna.....	Akron.
Spuller, Minnie.....	Akron.
Sanford, May F.....	Akron.
Shipman, Leon E.....	Akron.
Thomas, Mabel.....	Akron.
Thomas, Merthin.....	Akron.
Thomas, Ralph.....	Akron.
Triplet, Pearl.....	Akron.
Waite, Evelyn.....	Ravenna.
Weary, Earl.....	Akron.
Welsby, Grace.....	Gibsonburg.
Whitmore, Bessie.....	Akron.
Wood, Vern.....	Akron.
Weeks, Fred.....	Akron.

Total Music, 70.

REGISTER OF STUDENTS

of the

ART SCHOOL.

Bradley, Iza.....	Akron.
Brigger, Mrs. A.....	Halo P. O.
Buchtel, Mrs. Wm.....	Akron.
Chapman, Lettie.....	Akron.
Gardner, Donald.....	Akron.
Gilbert, Ernest.....	Akron.
Johnston, James.....	Akron.
Krebs, Lillie.....	Akron.
Lukesh, Anna.....	Akron.
Miller, Margaret.....	Akron.
Olin, Ralph.....	Akron.
Paine, Sumner.....	Akron
Sixbey, Esther.....	Bluffton, Ind.
Smith, Helen.....	Akron.
Sanford, Mabel.....	Akron.
Swinehart, Vene.....	East Akron.
Tinker, Sophie.....	Akron.
Williamson, Daisy....	Akron.
Wells, Harold.....	Akron.
Yerrick, Ida.....	Krumroy.

Art Students, 20

SUMMARY.

1902-1903.

COLLEGIATE STUDENTS.

Senior Class.....	17	
Junior Class.....	12	
Sophomore Class.....	10	
Freshman Class.....	33	
Special Students.....	10	
Total Collegiate	—	82

Classical Students.....	11	
Philosophical Students.....	36	
Scientific Students.....	25	
Special Students.....	10	

Men	40	
Women	42	

ACADEMY.

Senior Class.....	27	
Middle Class	22	
Junior Class.....	37	
Unclassified Students.....	23	
College Students in Academy Classes.....	20	
Total Academy.....	—	129
Men (exclusive of College Students).....	73	
Women “ “ “	36	

SCHOOL OF MUSIC.

Men	18	
Women	52	
Total	—	70

SCHOOL OF ART.

Men	6	
Women	14	
Total	—	20

	301	
Number counted more than once.....	21	
Total number in all Departments.....	—	280

DEGREES CONFERRED.

CLASS OF 1902 AND TITLES OF THESES

BACHELOR OF ARTS.

LYLE DUANE COOK.....	Windsor
Street Car Lines Centering in Cleveland.	
LINNA AMANDA LYNN.....	Akron
Writers of the Concord School.	
INEZ PARSHALL.....	Akron
The Principle of Representation as Worked Out in the United States Constitution.	
EDNA MAE BEL RICKARD.....	Medina
Alfred Tennyson and Other Masters of English Verse.	
ANNA BERTHA SCHOENINGER.....	Akron
Ballads of Many Countries.	
ALTON ORR THOMAS.....	Norwalk
An Analytical Study of Shakespeare's Young Men.	
IVAN EUGENE WALLER.....	Atlantic City, N. J.
A Hydrographic Survey of Summit Lake.	

BACHELOR OF PHILOSOPHY.

MEADE CHAMBERLAIN	Akron
A Study of Eclipses with Special Reference to the Eclipses of October 16th and 30th, 1902.	
WILLIAM JOHN TRACHSEL.....	Canton
The Manufacture of Sulphite Pulp.	

BACHELOR OF SCIENCE.

HARRY WALTON COOK.....	Windsor
A Triangulation of Summit Lake.	

MASTER OF ARTS.

PARKE REXFORD KOLBE, A. B., Buchtel College, '01	Akron
An Analysis of the Greek Verb <i>εἶμι</i> in the Present Tense, with Reference to the Sanskrit.	

MASTER OF SCIENCE.

RALPH EMERSON MYERS, B. S., Buchtel College, '01	Akron
Observations on the Analysis of Certain Typical Minerals,	

HONORARY DEGREE.

DR. HENRY N. DODGE, Lit. D.....	Morristown, N. J.
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PRIZES.

THE ALUMNI PRIZES.

Awarded for excellence in scholarship.

1901-1902.

In the Senior Preparatory Class to Amy Lillian Saunders.

In the Freshman Class to Mary Roekwell.

In the Sophomore Class to Frederic Glenn Swanson and John Webster Thomas.

In the Junior Class to Louise V. Horix and Donald Hotchkiss.

THE OLIVER C. ASHTON PRIZES.

Awarded for excellence in declamation.

1901-1902.

In the Sophomore Class:—First prize to Charlotte Harriet Olin, and second prize to Bertha Rene Widdecombe.

In the Junior Class:—First prize to Arthur Eugene Warner, and second prize to Adele Melita Miller.

1902-1903.

In the Sophomore Class:—First prize to Elizabeth Voris and Mary Rockwell, and second prize to Ella Viva Lynn.

In the Junior Class:—Contest not held at date of publication.

In the Senior Class:—First prize to Ada Vivian Starkweather, second prize to Miriam Amy Motz.

LECTURES.

The following lectures and addresses have been given under the auspices of Buchtel College since the publication of the last catalogue.

November 12, 1900—Dr. C. M. Knight, Akron, O.

“Dr. Edward W. Claypole as a colleague in the Faculty of Buchtel College.”

Mrs. Chas. R. Olin, Class of '87, Akron, O.

“Dr. Edward W. Claypole as an Instructor.”

Prof. S. P. Orth, Akron, O.

“Dr. Edward W. Claypole as a Man of Science.”

November 26, 1901—Mr. J. C. Frank, Akron, O.

“The Slums of New York City.” (Illustrated).

January 2, 1902—Dr. Almon Gunnison, President of St. Lawrence University, Canton, N. Y.

“Cathedrals of England.” (Illustrated).

January 17, 1902—Dr. C. F. Kolbe, Akron, O.

“Personal reminiscences of John R. Buchtel.”

Hon. J. Park Alexander, Akron, O.

“John R. Buchtel as a Citizen and Benefactor.”

- January 31, 1902—Hon. J. H. Littlefield, of New York.
 "Personal Recollections of Abraham Lincoln."
- February 13, 1902—Prof. Richard T. Ely, Madison, Wis.
 "Modern Municipal Government."
- March 11, 1902—Dr. Milton Butler Pratt, Akron, O.
 "The Flowering of the Century Plant."
- April 28, 1902—The late Mr. Stuart Robson, the distinguished actor.
 "Oliver Goldsmith."
- June 25, 1902—Prof. John Bascom, D. D., LL. D., of Williams College.
 "The Free Jubilant Element in Education."
- October 30, 1902—Mrs. S. W. Parshall, Akron, O.
 On the presentation of a picture of "Stratford Trinity Church" by the "Isabella Club" as a memorial to the late Mrs. Harriet Trowbridge.
- January 19, 1903—Dr. H. L. Canfield, Bellville, O.
 "Historical sketch of the Founding of Buchtel College."
 Mr. A. E. Hyre, Class of '84, Cleveland, O.
 "Reminiscences of Student-days at Buchtel."
- January 20, 21, 22, 1903—Rev. Carl F. Henry, Class of '91, Cleveland, O.
 a. "Gerald Massey."
 b. "Tolstoi."
 c. "Ruskin."
- February 2, 1903—Rabbi J. Leonard Levy, D. D., Pittsburg, Pa.
 "Life and its Realities."
- February 10, 11, 12, 1903—Rev. I. M. Atwood, D. D., Rochester, New York.
 Three typical Americans.
 a. "Benjamin Franklin: The Philosopher and Statesman."
 b. "Horace Mann: The Educator and Originator."
 c. "Wendell Phillips: The Orator and Reformer."
- March 3, 1903—Miss Maria Parsons and President A. B. Church of Buchtel College.
 Memorial service to the late Jay Elmer Brown.
- March 10, 11, 12, 1903—Rev. Lee S. McClester, D. D., Detroit, Michigan. (Lectures illustrated with stereopticon.)
 a. "The Swiss and Italian Lake Regions."
 b. "Victor Hugo, the Great and Napoleon, the Little."
 c. "The English Lakes and their Literary Associations."
- March 23, 1903—Dr. Chas. F. Thwing, President of Western Reserve University, Cleveland, O.
 "Should the Business Man be a College Man?"

BUCHTEL COLLEGE ALUMNI ASSOCIATION.

ORGANIZED JULY, 1874.

INCORPORATED OCTOBER 19, 1899.

OFFICERS FOR 1902-1903.

President—Herbert B. Briggs, '89.....	Cleveland
Vice-Presidents — Mrs. Lizzie Voris, '77.....	Akron
Dr. W. J. Emery, '85.....	Akron
Rev. Carl Henry, '91.....	Cleveland
Mrs. Le Roy Eberhard, '93.....	Akron
Miss Inez Parshall, '02.....	Akron
Secretary—Harry L. Snyder, '94.....	Akron
Treasurer—Blanche Widdecombe, '97.....	Kent

ALUMNI BOARD OF TRUSTEES.

Herbert B. Briggs, '89.....	President ex officio
Harry L. Snyder, '94.....	Secretary, “
Blanche Widdecombe, '97.....	Treasurer “

TERM EXPIRING JUNE, 1903.

Herbert H. Henry, '87.....	Cleveland
Alfred G. Tame, '90.....	Cleveland
Arthur C. Johnson, '00.....	Columbus
Mrs. Arabella Armstrong-Orr, '96.....	Chicago, Ill.

TERM EXPIRING JUNE, 1904.

John R. Smith, '87.....	Akron
Mrs. Susie Cole, '73.....	Akron
Dr. A. A. Kohler, '87.....	Akron
Wilson A. Putt, '95.....	Warren

TERM EXPIRING JUNE, 1905.

Chas. R. Olin, '85.....	Akron
Miss Celia Mallison, '99.....	Akron
Miss Maude Herndon, '01.....	Akron
Meade Chamberlain, '02.....	Akron

Annual meeting of the Association: June 25th, 1903, 2. P. M.

Stated meetings of the Board of Trustees: Thursday, June 26th, 1903; Thursday, November 19th, 1903; Thursday February 18th, 1904; Thursday, May 19th, 1904.

DONATIONS.

From Aug. 25, 1901 to May 11, 1903 the College has received the following contributions:

ENDOWMENT FUNDS.

Wm. Pitt Curtis of Wadsworth, O., has given \$20,000, in cash, to establish the Curtis Endowment Fund.

SCHOLARSHIPS.

Miss Hannah Allyn of Akron, has given \$1,000 to establish the Allyn Scholarship in the name of herself and in memory of her father Isaac Allyn, her mother Lucy Gallup Allyn, and her sister Lucy Rebecca Allyn.

Mrs. Rosa G. Wakefield, late of Green, Trumbull Co., Ohio, left by will \$1,000 to establish a scholarship for the benefit of the heirs of David Shipman.

TELESCOPE FUND.

Contributions aggregating \$555.00 for the purchase of a telescope for the Observatory have been received from Charles Baird of Akron, O., A. C. Houghton, New York City, Will Christy of Akron, O., and Judge H. C. McWhorter, Charleston, W. Va.

CURRENT EXPENSE FUND.

Subscriptions and cash donations to the amount of \$1,425.50 have been received, towards meeting the current expenses of the College, from the following persons:

Hon. Geo. W. Crouse, Akron; F. H. Mason, Akron; W. L. Carlton, Akron; A. W. Maynes, Cleveland; W. T. Sawyer, Akron; H. V. Hotchkiss, Akron; Robert Tucker, Toledo; J. H. Fish, Eagle, Mich.; Wm. Pitt Curtis, Wadsworth, O.; Martha M. Miller, Whipple, O.; Mrs. Wm. Watkins, Blanchester, O.; Mrs. Sally T. Moon, Cuba, O.; Mrs. C. M. Rounds, Lodi, O.; Universalist Church of Bryan, O.; Universalist Church of Charleston, W. Va.; President A. B. Church, Akron, J. J. Zint, Adrian, O.; R. J. Higgins, Adrian, O.

ALUMNI CURRENT EXPENSE FUND.

Under the auspices of the Buchtel Alumni Association, subscriptions have been raised amounting to \$1,090, for the purpose of meeting the current expenses of the college. These contributions have been made by the following graduates of the College:

Dr. A. A. Kohler, Akron; Herbert B. Briggs, Cleveland; Dr. Peter Fehr, Akron; A. I. Spanton, Akron; Miss M. Bell Slade, Akron; Thad. W. Rice, Akron; W. A. Putt, Warren; Dr. L. R. C. Eberhard, Akron; Parke R. Kolbe, Akron; C. R. Olin, Akron;

Mrs. C. R. Olin, Akron; S. L. Thompson, Brink Haven; Mrs. A. A. Kohler, Akron; Blanche Widdecombe, Kent; Amelia Schoeninger, Akron; Claudia Schrock, Akron; Wm. J. Trachsel, Canton; Celia Mallison, Akron; Mrs. Grace Whiteman, Akron; Meade Chamberlain, Akron; Mrs. Susie C. Cole, Akron; Robt. A. Myers, Akron; F. M. Cooke, Akron; Mattie M. Anger, Akron; Leona S. Reed, Kent; Maude Herndon, Akron; Theresa Alexander, Akron; John R. Smith, Akron; J. Clarence Frank, Barberton; Margaret T. James, Akron; Dr. C. G. Webster, New York City; Margaret L. Wilkins, Cherry Grove, Pa.; Mrs. J. E. W. Greene, Newport; Emily Harpham, Akron.

MISCELLANEOUS PURPOSES.

Cash contributions aggregating \$43.30 to be used for various purposes have been received from the following persons:

E. T. Binns, Bryan, Hettie McCumber, Perry, N. Y.; Prof. C. M. Knight, Akron; Dr. Kath. Kurt, Akron.

BUILDING FUND.

From Thomas Rhodes, Akron, O, \$100.

GRECIAN ART FUND.

Col. Geo. T. Perkins of Akron, has contributed \$100, for the purchase of photographs, books, and other material to be used with the course in the History of Greek Sculpture.

LIBRARY.

The College Library has received contributions from the following sources:

	No. Vols
American Bar Association, Philadelphia.....	2
American Book Co., Cincinnati.....	4
Joshua L. Bailey, Philadelphia, Pa.....	1
Mae C. Bock, Akron.....	30
Mrs. Sarah K. Bolton, Cleveland.....	1
Hon. Wm. Buchtel, Akron.....	12
Buchtel College, Class of 1903.....	1
Buchtel Dramatic Club of 1901-02.....	13
Cleveland Public Library.....	1
Isabella M. Green and the Estate of the late Judge E. P. Green.....	600
Ginn & Co., Boston, Mass.....	6
Harvard University, Cambridge, Mass.....	1
Ill. State Board of Health, Springfield, Ill.....	1
Johns Hopkins University, Baltimore, Md.....	1
Mass. State Board of Health, Boston, Mass.....	1
Dr. C. F. Mignin, Stryker, O.....	11
New Jersey State Board of Health, Trenton, N. J.....	1

N. Y. Agricultural Experiment Sta., Geneva, N. Y.....	1
N. Y. State Board of Health, Albany, N. Y.....	2
N. Y. State Dept. of Agriculture, Albany, N. Y.....	1
N. Y. State Library, Albany, N. Y.....	10
Ohio Bureau of Labor Statistics, Columbus, O.....	2
Ohio State Bar Association.....	1
Ohio State Board of Health, Columbus, O.....	3
Mrs. C. M. Rounds, Lodi, O.....	1
Benj. H. Sanborn & Co., Boston, Mass.....	23
Smithsonian Institution, Washington, D. C.....	14
U. S. Civil Service Commission, Washington, D. C.....	6
U. S. Coast and Geodetic Survey, Washington, D. C.....	5
U. S. Commissioner of Rail Roads.....	3
U. S. Dept. of Agriculture, Washington, D. C.....	2
U. S. Dept. of Education, Washington, D. C.....	2
U. S. Dept. of Interior, Washington, D. C.....	6
U. S. Dept. of Labor, Washington, D. C.....	24
U. S. Dept. of the Treasury.....	3
U. S. Dept. of War, Washington, D. C.....	1
U. S. Geological Survey, Washington, D. C.....	5
U. S. Inter-State Commerce Commission, Washington, D. C.....	1
U. S. Library of Congress, Washington, D. C.....	11
U. S. Superintendent of Documents, Washington, D. C.....	6
Universalist Publishing House, Boston, Mass.....	1
Wis. Geol. and Nat. Hist. Survey, Madison, Wis.....	1

PHYSICAL LABORATORY APPARATUS.

The following gifts to the Physical Laboratory have been received:

From Dr. S. H. McCollester of Marlboro, N. H., a standard Laboratory Clock with seconds pendulum and electrical connections for dividing time into seconds in all the laboratories.

From Mr. J. C. Frank of Akron, O., an arc-light control for alternating current.

From Mrs. S. O. Acomb of Tidioute, Pa., a Hydrometer for alcohols and ethers, and U. S. Custom House scales and attached thermometer.

FISHER MEDALS AND CUPS.

Mr. Frank T. Fisher, of New York City, a former student, has given an elegant gold medal, suitably engraved, to be awarded to the student scoring the greatest number of points in the Annual Gymnasium Exhibition.

The medal has upon its face the Roman Discus Thrower, embossed in gold and the letter "B" embossed in blue, representing the college colors; and this is hung as a pendant from a gold clasp bar by heavy ribbon of the college colors.

In addition to this he has also given a beautiful class cup and a beautiful individual cup and medal to be awarded to the classes and individual athlete scoring the greatest number of points at the annual track meet.

MISCELLANEOUS.

A bust of the late Dr. E. W. Claypole has been presented to the College from Frank F. Stone, Sculptor, of Los Angeles, Cal.

A bust of the poet Tennyson has been received as a gift from Mrs. Lettie Wilson of New York City.

The Isabella Club of Akron, O., have placed upon the walls of Buchtel Hall a picture of "Stratford Trinity Church" as a memorial to the late Mrs. Harriett Trowbridge.

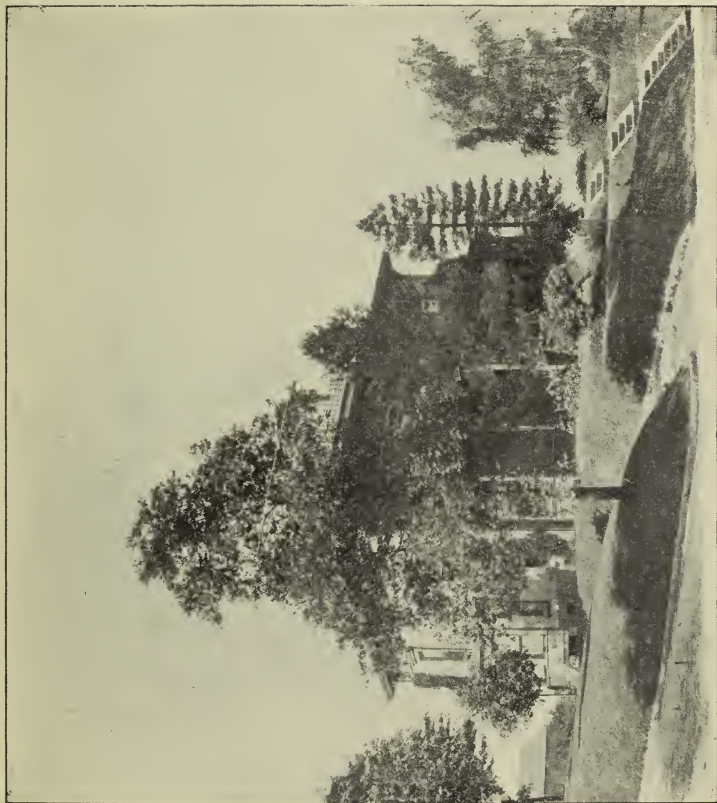
A collection of geological and zoological specimens has been received from Miss Isabella M. Green of the Class of '93.

A collection of Indian relics has been presented to the Natural History Department by Albert Brown, class of '06.

Mr. Herman Andree, class of '03, has presented to the Natural Science Department a collection of specimens secured by him on his recent trip with the Baldwin-Ziegler exploring expedition in the arctic regions.

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PRESIDENT'S HOUSE.

UNIVERSITY OF ILLINOIS-URBANA



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